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RASHTRIYA PANCHANG

(ENGLISH)

SAKA ERA 1881

(1959 60 A. D.)



PUBLISHED BY
THE DIRECTOR GENERAL OF OBSERVATORIES
India Meteorological Department,
Lodi Road, New Delhi.

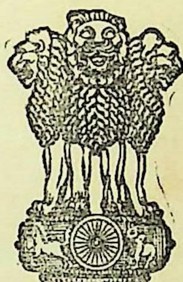
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HELP THE PLAN—HELP YOURSELF

Since the achievement of Independence, India has travelled a long way on the road to political, social and economic progress. In the political sphere, we have consolidated our freedom and unity by setting up a stable administration, by the integration of princely States and the adoption of a democratic constitution. Various measures of social legislation have enhanced the status of women in India and the Constitution has abolished the evil of untouchability, thus laying the foundation for a progressive society.

A rapid and balanced economic development of the country is being brought about through the process of democratic planning. With the goal of building a socialist pattern of society, we are pledged to implement a series of plans which would double the per capita income by 1977 through increased employment, higher productivity and the achievement of the largest possible measure of social justice.

The First Five Year Plan (1951-56) resulted in more food, more goods, better social services and greater employment. This achievement encourged the nation to launch a second and bigger plan so as to accelerate the pace of economic development. The Second Five Year Plan (1956-61), with its total outlay of Rs. 4,800 crores aims to bring about—

(i) a sizeable increase in the national income so as to raise the standard of living of the people ;

(ii) rapid industrialisation with particular emphasis on the development of basic and heavy industries ;

(iii) a large expansion of employment opportunities and

(iv) reduction in inequalities of income and wealth and more even distribution of economic power.

In the Second Plan, the highest importance is attached to industrialisation, agriculture and food production. So

far as industrialisation is concerned, the Government are determined to implement such projects as would basically promote this object. These projects are steel, coal, railways, ports and some specified power projects. These have together come to be known as the 'core of the plan'. This priority has been drawn up only with a view to utilising the available resources of foreign exchange in the best manner possible. This does not mean that the rest of the Plan is unimportant or would be relegated to the background. As a matter of fact the rest of the Plan too would get due attention.

GROW MORE FOOD

For the successful implementation of the Second Plan, increased food production is as important as the implementation of the core projects. That is why the increase of 10 million tons of food originally envisaged during the Plan period has been raised to 15.5 million tons.

In the Second Five Year Plan, attention is also being paid to the promotion of small-scale industries, expansion of social services, creation of greater employment opportunities and the development of the rural sector through the community development movement.

YOU AND THE PLAN

In this great task of promoting national welfare the people themselves have an effective part to play. In whatever walk of life they may be they can help to implement the Plan while at the same time improving their own standard of living. For instance, increased food production has become essential for the successful implementation of the Plan. To achieve this objective, various measures have been suggested. Now, the farmer also wants to get better and bigger crops from his land so that he and his family can not only have more to eat but also get more income by marketing more foodgrains. So, all the measures the farmer takes for better cultivation will be in his own interest.

This 'enlightened self-interest' will also ensure the success of the Plan as a whole. The increased food produced by the farmer will reduce import of food at huge cost and the money thus saved can be utilised to implement other important projects.

To get a better and a bigger crop from his land the farmer should adopt better agricultural implements and farming practices, use better seeds, use irrigational facilities to the fullest, use farmyard waste as compost, take to green manuring to keep the soil fertile and protect the crop from pests. He can also take to such allied occupations as dairy farming and poultry-keeping.

INDUSTRIAL WORKER AND THE PLAN

In the same way an industrial worker will be ensuring his own progress and prosperity, if he gave his wholehearted co-operation in increasing production, which is vital to the execution of the Plan. Every worker should work with the will to achieve the production targets as speedily as possible. The increased production will mean not only the necessary assistance to the Plan but also the greater prosperity of the industry which will ultimately redound to the benefit of the worker in the form of better amenities and living conditions. This would also mean the creation of more employment opportunities with the expansion of the industry or the launching of other industries.

An equally significant contribution for the success of the Plan can be made by the housewife, the office worker and the student. A housewife can avoid all wastage, especially of food, in the home. She can raise a kitchen garden which would provide fresh vegetables. The economy that she thus effects will result in better house-keeping. She can profitably invest the saving, however small, in small savings securities. The housewife can also promote national welfare by bringing her children up in such a way that they grow up into worthy citizens.

The office worker can help the national effort by being conscientious in his work, cutting delays and speeding up programmes. He can economise on expenditure on personal habits and invest the saving. This way he will increase his efficiency and also make sure of a happy tomorrow for himself and his family.

The Second Five Year Plan has created many opportunities for the students to spend their leisure hours in useful social service, especially in rural areas. By joining the youth camps, ACC or NCC and by participating in shramdan, they can build for themselves a disciplined and useful life. At the same time the students can cultivate the saving habit.

SAVINGS SCHEME

The Small Savings Scheme provides an excellent opportunity for every man, woman and student to save for his own benefit and also to finance the various schemes in the Plan. The different denominations of saving certificates and the returns they will fetch are as follows :—

12-Year National Plan Savings Certificates :

Denominations : Rs. 5, 10, 50, 100, 500, 1,000, and 5,000
Maturity Value : Rs. 8¼, 16½, 82½, 165, 825, 1,650, and 8,250

10-Year Treasury Savings Deposit Certificates :

Deposits received in multiples of Rs. 100 upto Rs. 25,000/-.
Individual holder upto Rs. 25,000/- 4% interest paid annually.

Post Office Savings Bank Account :

2½% interest added on balance upto Rs. 10,000/- in the case of individuals and upto Rs. 20,000/- for two depositors jointly.

The Second Plan has often been described as the people's Plan. For its success the wholehearted co-operation of the people is vital. In extending this co-operation the people will find that they are at the same time helping themselves.

RASHTRIYA PANCHANG

For 1881 Saka Era

PREFACE

With the issue of the Rashtriya Panchang for the year 1881 Saka era, it has stepped into the third year of publication. The publication of Rashtriya Panchangs, which was undertaken in 1957 for the first time in our country, was in accordance with a decision of the Government of India in the way of implementation of the recommendations of the Calendar Reform Committee, and marked an important step in the plans for introducing a uniform and scientific system of calendar calculations in the different States of India, in many of which calendars differing widely from one another are now in use. The Panchangs for the first year, relating to 1879 S. E., were published in English and 9 regional languages of India, viz., Hindi, Urdu, Bengali, Telugu, Tamil, Kanarese, Malayalam, Marathi and Gujarati. The Oriya and the Sanskrit editions were added to the list while publishing the issues for 1880. In the current year also the Panchangs are being published in the same twelve languages.

aps in no other country have the people taken for granted such a large diversity of calendaric systems as in India, with the result that there has been a great calendar confusion. Even at the present time there is a large variety of indigenous calendars, known as *Pañcāngas*, in use in different parts of the country having different year-beginnings ; and often enough they show appreciable differences in the times of the same astronomical events, such as the ending moments of *tithis*, *nakṣatras*, etc.

A Panchang serves two distinct purposes : it provides a dating system to be used by the general public in civil affairs,

such as dating of documents, letters, etc., and maintaining accounts ; and it also gives the dates of religious festivals of the different communities, the times for celebrating them and the auspicious moments for other socio-religious functions, such as marriage, upanayana etc., based on the ending moments of *tithis* and *nakṣatras*, and sometimes, on planetary positions.

There is a great divergence in the indigenous calendars in use for civil purposes in the different regions of the country. Even in the solar calendars in use there are differences from one State to another of one or two days in the dates of commencement of the same month ; this is due to the adoption of different conventions for determining the first day of the month. The names of the solar months also differ from State to State. For example, the solar month called *Vaiśākha* in Eastern India is called *Chittirai* in the South, *Mesham* in some places and in some other *Bahāg*. Similarly, in other parts of the country where the lunar calendar is used for civil purposes, there is no uniformity of practice. Some count the month from the day following the new-moon (*Amānta system*) while others count the same month from the day following the preceding full-moon 15 days earlier (*Pūrṇimānta* system). The year-beginnings also differ in different States. For, some start the year from solar *Vaiśākha* and other from solar *Bhādra* or solar *Āśvina*. Where the lunar calendar is in vogue the year starts varyingly from lunar *Chaitra*, lunar *Āṣāḍha* and lunar *Kārtika*. Further, there is no less divergence in the Eras used in the different parts of the country. All these differences have resulted in more than 30 varieties of calendars being now in vogue in India. These calendars are the natural result of India's past political and cultural history and partly reflect the past political disunity in the country.

As regards the religious calendar, its principal contents refer to the *tithis* and *nakṣatras* according to which most of

the religious observances are timed. It has been observed that the calculation of *tithis* etc., given by the indigenous Panchangs are very often considerably in error, the ending moments of *tithis* differing from the correct timings sometimes by as much as 6 hours. This is due to the fact that the Panchang makers depend for their calculations on the principles laid down in the *Sūrya-Siddhānta* (400 A. D.) which do not incorporate the corrections introduced into the formulae based on latest accurate astronomical observations made by means of the most modern instruments. The formulae used by the indigenous astronomers are not only inaccurate but also inadequate, as for example, in the case of the Moon for which the *Sūrya-Siddhānta* gives only one correction to its mean place. It may be mentioned here that although the Indian astronomers of a later age, such as Mūnjāla (932 A. D.), Śrīpati (1039 A. D.) and Bhāskaracārya (1150 A. D.) had discovered the second and the third inequalities of the Moon, yet the pity is that the present Panchang makers do not take into account even these corrections in their calculations, the incorporation of which would have yielded more accurate results for the Moon's position.

The main defect of the Indian calendars, however, is the erroneous length of the year upon which the calendars are based. The year of the Indian calendars consists of 365 days 6 hours and 12.6 minutes, whereas the correct length of the tropical year or 'year of seasons' is 365 days 5 hours and 48.8 minutes. The result has been that the Indian year, which in 500 A. D. used to commence at the moment of the Sun's crossing the vernal equinox, now starts about 23 days later. Consequently the seasons, being connected with the equinoxes and solstices, are gradually receding at the rate of one day in 60 years or one month in 1800 years. Thus originally solar *Āśvina* and *Kārtika* constituted the '*Śarat Ṛtu*' (autumn), but now autumn falls in the months of solar *Bhādra* and *Āśvina* ; and after a few hundred years

more, solar *Śrāvana* and *Bhādra* would constitute this season. Again, *Śarat-Pūrṇimā*, the full-moon day of lunar *Āśvina* which is still occurring in the '*Śarat Ṛtu*' in some of the years, would in future be completely divorced of this season and will fall in the '*Hemanta*' season and even in winter after a few thousand years. Surely it was never the intention of the makers of our *Śāstras* that *Śarat-Pūrṇimā* day should be observed in the '*Hemanta*' season or in winter.

The compilers of the Hindu *Jyotiṣa Siddhāntas* of 500 or 600 A.D. (Āryabhaṭa and Brahmagupta), who first introduced the erroneous length of the year in the calendar, could not anticipate this difficulty brought about by the precession of the equinoxes which finds no mention in their treatises. This fact, the shift of the equinoctial day, came to the notice of later astronomers some 400 or 500 years after the time of Āryabhaṭa; but they did not revise the length of the year necessitated in the Indian calendar by the theory of *ayana-calana* (precession of the equinoxes). Instead, they proclaimed, in support of their adherence to the erroneous year-length, that although the equinox day was found to be falling back, it would not go beyond a certain limit (27 degrees in some opinion and 24 degrees according to some other) after which it would again return to the original place and would then go forward the same distance on the other side. This theory is known as oscillation of the equinoxes (*Ayana-dolana* or 'trepidation') and the relevant stanzas giving this theory were interpolated in the *Sūrya-Siddhānta* at a later age by some unknown astronomer who wanted to save the Siddhāntic system of astronomy from criticism. This theory of trepidation of the equinoxes has now been found to be absolutely baseless, while the theory of the precession of the equinoxes (*Ayana-calana*) has been completely established on modern astronomical principles based on the laws of gravitation. It is now known that the equinox goes on receding back each year and returns to its original position only after a complete

cycle in about 26,000 years. If we adhere to the *Sūrya-Siddhānta* year, or the sidereal year, the same season would be occurring in the correct months of the Indian calendar only after 26,000 years from the starting point. The myth about the theory of trepidation can easily be verified also from the earlier records giving the positions of the various stars with respect to the equinoxes as found in the Vedas. To cite an example it may be mentioned that in the *Śatapatha Brāhmaṇa* it was stated that the *Kṛttikās* always rise in the eastern direction, which indicates that the star-group was on the equator at that time. As the stars comprising the group (the principal star is Alcyone or η Tauri)are very near the ecliptic, the conclusion is that the equinoctial point which was at the beginning of the Aśvini' division (the initial point of the Siddhantic astronomy) in about the 5th century A. D. was also near the star Kṛttikā at that time. The equinox was thus more than 36° ahead of the above initial point. This shifting is in excess of 27° or 24° prescribed in the Siddhantas. The evidence of the *Śatapatha Brāhmaṇa* thus goes against the conception of trepidation of the equinoxes (*ayana dolana*) introduced in the Siddhantas. There is, therefore, no reason in our adhering to the sidereal year for calendar calculations in the false hope that the equinoxes, which are receding back with gradually increasing motion, will return back to their former positions and the original relationship between seasons and the sidereal solar months will ever be re-established in future.

Now, the makers of our *Śāstras* ordain that the Hindu religious festivals should be observed in the prescribed seasons. From what has been said above, it is clear that in order to secure this conformity the tropical year should be taken as the year-length in the calendar and not the year-length of the *Sūrya-Siddhānta*, nor even the correct sidereal year.

For more than the last seventy years there have been

attempts in the country off and on for a reform of the indigenous calendar. This movement has, however, been intensified in recent years. As a result, many Panchangs are being published in different parts of the country giving correct timings for *tithis*, *nakṣatras*, etc., and the correct positions of the planets. This is, no doubt, commendable. All these reformers, however, were content to superpose their revised calculations on the erroneous system of civil calendar already prevalent in their own region and wanted to have it introduced throughout the country. Thus they missed devising a scientific civil calendar acceptable in all the regions of the country and divergent systems of calendar calculation are still continuing in different parts of the country. Then again, these reformers not having adopted for their Panchangs the correct value of the length of the year that conforms to the seasons viz., the tropical year, the months of the civil calendar as well as of the religious calendar are continuing to recede back over the scale of seasons at the rate of one day in 72 years or a month in 2200 years. It may be mentioned here that at the initial stage the year-length of the *Sūrya-Siddhānta* had been adopted also for the reformed Panchangs, but subsequently, during the last 30 years the year-length of the different reformed Panchangs have been further revised in as much as that the correct sidereal year was adopted for the Panchangs. But the same reformers did not go far enough to accept the tropical year, which alone would have enabled them to stabilise the seasons in the calendar.

In 1952 the National Government took upon themselves the task of uniformisation of the Indian calendar. With a view to introducing a scientific and uniform system of calendaric calculations throughout the country, the Council of Scientific and Industrial Research of the Government of India appointed in November, 1952, a Calendar Reform Committee with the late Prof. Meghnad Saha, F. R. S. as its Chairman with six other members from different regions

of the country. The Committee was asked to submit proposals for an accurate and uniform calendar for the whole of India. The Committee submitted its report in 1955 with its recommendations for a uniform civil calendar and also laid down rules for the compilation of the religious calendar on scientific principles for the country, accepting the tropical year, or the year of seasons, as the length of year. The main points of the recommendations are as follows : (A) The year of the calendar to be used for civil purposes will have its beginning on the day following the vernal equinox day. The first month will be Chaitra which will start on the 22nd March in a normal year and on the 21st March in a leap year when its duration also will increase from 30 days to 31 days. The months will have fixed number of days. The Saka Era has been adopted for all India use along with this National Calendar of India. The years 1882, 1886, etc., of the Saka era will be leap-years. (B) The solar months (*Saura māsa*) *Vaiśākha* etc., of the religious calendar will begin when the apparent tropical longitude of the Sun would equal 23° 15′, 53° 15′, etc. The lunar months (*Cāndra māsa*) of the same name will begin from the new-moon falling in the respective *Saura māsas* mentioned above. The calculations of nakṣatras will, however, be made on the basis of a variable ayanāṃśa instead of the above fixed ayanāṃśa of 23° 15′.

The Government of India accepted the recommendations and have introduced the civil calendar with the Saka era, as recommended, with effect from the 22nd March, 1957 corresponding to 1st Chaitra 1879 Saka. As regards the religious calendar, the Government have decided that Panchangs in different regional languages should be made available in which all the calculations will be shown according to the recommendations of the Calendar Reform Committee. The publication of this Rashtriya Panchang is in accordance with that decision of the Government of India.

The basic work of all the calculations and compilation of this Rashtriya Panchang has been done at the newly formed "Ephemeris and Nautical Almanac Section" at the Regional Meteorological Centre, Alipore, Calcutta-27, under the guidance of Shri N. C. Lahiri, Officer-in-charge.

It is our hope that the publication of Rashtriya Panchangs will furnish the necessary encouragement for the Panchangs in this country for the future years to be compiled on scientific lines indicated in this publication.

S. BASU,
Director-General of Observatories.

India Meteorological Department,
Lodi Road, New Delhi-3.
Agrahayan 7, 1880 S. E.
(28th November, 1958).

EXPLANATION

The Calendar used in this Panchang is the reformed 'Indian Calendar' as recommended by the Calendar Reform Committee and introduced throughout the country by the Government of India with effect from the 22nd March, 1957, corresponding to the 1st Chaitra, 1879 Saka, the Indian New Year's day. The months of this National Calendar, the number of days assigned to each, and the dates of the Gregorian Calendar corresponding to the first day of the month are as follows :—

Month of the National Calendar	*Gregorian date of 1st of the month*
Chaitra (30 days ; 31 days in a leap-year)	March 22 (March 21 in a leap-year)
Vaisakh (31 days)	April 21
Jyaistha (31 days)	May 22
Asadh (31 days)	June 22
Sravan (31 days)	July 23
Bhadra (31 days)	August 23
Asvin (30 days)	September 23
Kartik (30 days)	October 23
Agrahayan (30 days)	November 22
Paus (30 days)	December 22
Magh (30 days)	January 21
Phalgun (30 days)	February 20

All calculations contained in this Panchang have been made for an adopted Central Station in India situated on 82° 30′ Longitude East of Greenwich and 23° 11′ Latitude North (latitude of Ujjain), and accordingly the timings of different phenomena have been given in this Panchang in local mean time of this Central Station, which is known as

theIndian Standard Time. This time (I.S.T.) is $5^h\ 30^m$ ahead of the Universal Time or the Greenwich Mean Time.

The Sunrise and Sunset times relate to the appearance and disappearance of the upper limb of the Sun on the horizon. The amount of horizontal refraction taken for the purpose is 31′ and that of the Sun's semi-diameter as 16′, so that at the moment when the upper limb of the Sun is visible on the horizon the centre of the Sun is actually 47′ below the horizon, the time-equivalent of which is about 3½ minutes. The Sunrise and Sunset times have also been calculated for the above-mentioned Central Station of India and given in I.S.T., and the corresponding times for Delhi have also been given in brackets along with the figures for the Central Station.

The Mid-day or Apparent Noon is the middle of the day or the time when the Sun is on the meridian. The timings given for the Mid-day are in L.M.T. of the Central Station (*i. e.* in I. S. T.) but these timings may be taken the same for any place in India in local mean time of the place. The Moonrise and Moonset times are also for the Central Station and relate to the moments when the upper limb of the Moon is on the horizon.

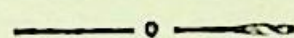
The ending moments of *tithis*, *nakshatras*, etc., having been given in I.S.T. and these being geocentric phenomena, the timings require no correction for different longitudes, and are applicable for any place in India in I.S.T. The timings of Sunrise and Sunset (as well as of Moonrise and Moonset) would, however, require corrections appropriate to the locality concerned.

The calculations of *nakshatras* and *yogas* have been done on the basis of a variable ayanamsa. The value of the adopted ayanamsa has been shown in the Panchang for the first day of each month. In the calculation of the beginning of the Solar months for religious purposes, however, a fixed ayanamsa of 23° 15′ has been used. All these calculations

have been done according to the decision of the Calendar Reform Committee.

In presenting the figures of the ending moments of *tithis*, *nakshatras*, etc. the day has been reckoned from the Sunrise time of the day in question to 29 hrs. or 30 hrs., the next Sunrise time i. e., the Sunrise system has been followed. Here 12 hours marks the noon and 24 hours the midnight. The tithis have been shown against the new-moon ending lunar months reckoned from the day following the newmoon i. e., the *amanta* system has been followed, and not the *purnimanta* system.

The transits of the planets into different nirayana *rasis* have been given in a separate page at the end and those of the Moon in the body of the Panchang. In case of the Sun, however, such timings have not been shown there, and the timings of the beginnings of solar months for religious purposes have been given in the body against the terms Vaisakhadi, Jyaisthadi, etc.



RASHTRIYA PANCHANG

1881 Saka, 1959-60 A. D.

Month of CHAITRA....30 Days

Vedic month : Madhava (Mesha)

Vasanta Ritu—2nd month

Uttarayana : Uttara Gola

Ayanamsa on 1st Chaitra = 23° *17′ 19″*

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1 Chaitra, Sunday, 22 March, 12 Ramadan

Sunrise h. 6-03, Set h. 18-11 (Delhi Rise h. 6-24, Set h. 18-33) Midday h. 12-07-12s. ; Moonrise h. 15-48, Moonset h. 28-39

Tithi : (Phalguna Sukla) Dvadasi h. 8-57, Aslesa nakshatra h. 6-24 then Magha nakshatra h. 29-13, Dhriti yoga h. 21-19, Balava Karana. Moon enters Simha h. 6-24.

Indian New Year's Day,

Palm Sunday

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2 Chaitra, Monday, 23 March, 13 Ramadan

Sunrise h. 6-02, Set h. 18-12 (Delhi Rise h. 6-23, Set h. 18-33) Midday h. 12-06-54s. ; Moonrise h. 16-48, Moonset h. 29-24

Tithi : (Phalguna Sukla) Trayodasi h. 7-00 then Chaturdasi h. 28-28, P. Phalguni nakshatra h. 27-28, Sula yoga h. 18-18, Taitila karana then Vishti karana from h. 28-28 to next day. Moon in Simha.

Mercury sets in the West h. 19-00.

---

3 Chaitra, Tuesday, 24 March, 14 Ramadan

Sunrise h. 6-02, Set h. 18-12 (Delhi Rise h. 6-22, Set h. 18-34) Midday h. 12-06-36s. ; Moonrise h. 17-50.

Tithi : (Phalguna Sukla) Purnima h. 25-32, U. Phalguni nakshatra h. 25-18, Ganda yoga h. 14-54, Vishti karana upto h. 15-00. Moon enters Kanya h. 8-58. Sayana Vyatipata h. 15-03.

Holikadahana, Dolayatra, Panguni Uttiram (Madras), Birthday of Sri Chaitanya, Holi—1st day.

Partial Lunar Eclipse on Chaitra 3, 1881 Saka
March 24, 1959, Tuesday.

VISIBLE ALL OVER INDIA

Circumstances of the eclipse

			Time (I.S.T.) h m s
Beginning of the eclipse	...	...	24 46 06
Middle of the eclipse	...	...	25 41 24
Ending of the eclipse	...	...	26 36 48
Moon enters penumbra	...	...	23 25 36
Moon leaves penumbra	...	...	27 57 12

Magnitude of the eclipse = 0.269 (Moon's diameter = 1.0)
Total duration of the eclipse = 1^h 50^m 42^s

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4 Chaitra, Wednesday, 25 March, 15 Ramadan

Sunrise h. 6-02, Set h. 18-12 (Delhi Rise h. 6-21, Set h. 18-34) Midday h. 12-06-17s. ; Moonset h. 6-09, Moonrise h. 18-53

Tithi : (Phalguna Krishna) Pratipad h. 22-20, Hasta nakshatra h. 22-52, Vriddhi yoga h. 11-13, Balava karana. Moon in Kanya.

Holi (Hola)—2nd day, Vasantotsava.

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5 Chaitra, Thursday, 26 March, 16 Ramadan

Sunrise h. 6-01, Set h. 18-13 (Delhi Rise h. 6-20, Set h. 18-35) Midday h. 12-05-59s. ; Moonset h. 6-57, Moonrise h. 19-58

Tithi : (Phalguna Krishna) Dvitiya h. 19-01, Chitra nakshatra h. 20-19, Dhruva yoga h. 7-23 then Vyaghata yoga h. 27-30, Gara karana then Vanij karana then Vishti karana from h. 29-22 to next day. Moon enters Tula h. 9-36.

6 Chaitra, Friday, 27 March, 17 Ramadan

Sunrise h. 5-59, Set h. 18-13 (Delhi Rise h. 6-19, Set h. 18 36)
Midday h. 12-05-41s. ; Moonset h. 7-45, Moonrise h. 21-02

Tithi : (Phalguna Krishna) Tritiya h. 15-44, Svati nakshatra h. 17-49, Harshana yoga h. 23-41, Vishti karana upto h. 15-44. Moon in Tula.

Good Friday.

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7 Chaitra, Saturday, 28 March, 18 Ramadan

Sunrise h. 5-58, Set h. 18-14 (Delhi Rise h. 6-17, Set h. 18-36)
Midday h. 12-05-23s. ; Moonset h. 8-37, Moonrise h. 22-06

Tithi : (Phalguna Krishna) Chaturthi h. 12-36, Visakha nakshatra h. 15-29, Vajra yoga h. 20-03, Balava karana. Moon enters Vriscika h. 10-03.

Easter Saturday

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8 Chaitra, Sunday, 29 March, 19 Ramadan

Sunrise h. 5-57, Set h. 18-14 (Delhi Rise h. 6-16, Set h. 18-37)
Midday h. 12-05-04s. ; Moonset h. 9-31, Moonrise h. 23-08

Tithi : (Phalguna Krishna) Panchami h. 9-46, Anuradha nakshatra h. 13-28, Siddhi (Asrik) yoga h. 16-42, Taitila karana. Moon in Vriscika.

Ranga Panchami, Vijay Govindaji Halenkar (Manipur), Easter Sunday.

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9 Chaitra, Monday, 30 March, 20 Ramadan

Sunrise h. 5-56, Set h. 18-14 (Delhi Rise h. 6-15, Set h. 18-37)
Midday h. 12-04-46s. ; Moonset h. 10-28, Moonrise h. 24-05

Tithi : (Phalguna Krishna) Sasthi h. 7-20 then Saptami h. 29-23, Jyestha nakshatra h. 11-51, Vyatipata yoga h. 13-41, Vanij karana then Vishti karana from h. 7-20 to h. 18-22. Moon enters Dhanu h. 11-51.

10 Chaitra, Tuesday, 31 March, 21 Ramadan

Sunrise h. 5-55, Set h. 18-15 (Delhi Rise h. 6-14, Set h. 18-38) Midday h. 12-04-28s. ; Moonset h. 11-25, Moonrise h. 24-59

Tithi : (Phalguna Krishna) Astami h. 28-04, Mula nakshatra h. 10-45, Variyan yoga h. 11-05, Balava karana. Moon in Dhanu. Sun enters Revati nakshatra h. 15-47.

Varsitaparambha (Jain).

11 Chaitra, Wednesday, 1 April, 22 Ramadan

Sunrise h. 5-54, Set h. 18-15 (Delhi Rise h. 6-13, Set h. 18-38) Midday h. 12-04-10s. ; Moonset h. 12-22, Moonrise h. 25-49

Tithi : (Phalguna Krishna) Navami h. 27-07, P. Asadha nakshatra h. 10-10, Parigha yoga h. 8-55, Taitila karana. Moon enters Makara h. 16-07.

12 Chaitra, Thursday, 2 April, 23 Ramadan

Sunrise h. 5-53. Set h. 18-15 (Delhi Rise h. 6-12, Set h. 18-39) Midday h. 12-03-52s. ; Moonset h. 13-19, Moonrise h. 26-34

Tithi : (Phalguna Krishna) Dasami h. 26-51, U. Asadha nakshatra h. 10-10, Siva yoga h. 7-13, Vanij karana then Vishti karana from h. 14-59 to h. 26-51. Moon in Makara.

13 Chaitra, Friday, 3 April, 24 Ramadan

Sunrise h. 5-52, Set h. 18-16 (Delhi Rise h. 6-10, Set h. 18-39) Midday h. 12-03-34s. ; Moonset h. 14-15, Moonrise h. 27-16

Tithi : (Phalguna Krishna) Ekadasi h. 27-08, Sravana nakshatra h. 10-43, Sidda yoga h. 5-58 then Sadhya yoga h. 29-09, Bava karana. Moon enters Kumbha h. 23-11.

Papamochani Ekadasi,
Jamat-ul-Vida.

14 Chaitra, Saturday, 4 April, 25 Ramadan

Sunrise h. 5-51, Set h. 18-16 (Delhi Rise h. 6-09, Set h. 18-40) Midday h. 12-03-16s. ; Moonset h. 15-08, Moonrise h. 27-56

Tithi : (Phalguna Krishna) Dvadasi h. 27-56, Dhanistha nakshatra h. 11-48, Subha yoga h. 28-44, Kaulava Karana. Moon in Kumbha.

Mahamaha Varuni (from 27h. 56m. to 28h. 44m.)
Maha Varuni (from 28h. 44m. to Sunrise).

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15 Chaitra, Sunday, 5 April, 26 Ramadan

Sunrise h. 5-50, Set h. 18-17 (Delhi Rise h. 6-08, Set h. 18-41) Midday h. 12-02-59s. ; Moonset h. 16-00, Moonrise h. 28-34

Tithi : (Phalguna Krishna) Trayodasi h. 29-13, Satabhisaj nakshatra h. 13-22, Sukla (Sukra) yoga h. 28-41, Gara karana then Vanij karana then Vishti karana from h. 29-13 to next day. Moon in Kumbha. Sayana Vaidhriti h. 16-50.

Varuni (upto 13h. 22m.)

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16 Chaitra, Monday, 6 April, 27 Ramadan

Sunrise h. 5-49, Set h. 18-17 (Delhi Rise h. 6-07, Set h. 18-41) Midday h. 12-02-41s. ; Moonset h. 16-52, Moonrise h. 29-11

Tithi : (Phalguna Krishna) Chaturdasi Ahoratra, P.Bhadrapada nakshatra h.15-23, Brahma yoga h.28-58, Vishti karana upto h. 18-05. Moon enters Mina h. 8-51.

Mercury rises in the East h. 8-06
Sab-e-Qdar (in the preceding night).

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17 Chaitra, Tuesday, 7 April, 28 Ramadan

Sunrise h. 5-48, Set h. 18-17 (Delhi Rise h. 6-06, Set h. 18-42) Midday h. 12-02-24s. ; Moonset h. 17-43.

Tithi : (Phalguna Krishna) Chaturdasi h. 6-56, U.Bhadrapada nakshatra h.17-47, Indra yoga h.29-31, Sakuni karana. Moon in Mina.

18 Chaitra, Wednesday, 8 April, 29 Ramadan

Sunrise h. 5-47, Set h. 18-18 (Delhi Rise h. 6-05, Set h. 18-42) Midday h. 12-02-07s. ; Moonrise h. 5-48, Moonset h. 18-33

Tithi : (Phalguna Krishna) Amavasya h. 8-59, Revati nakshatra h. 20-29, Vaidhriti yoga Ahoratra, Naga karana. Moon enters Mesha h. 20-29.

Solar eclipse (annular)—invisible in India.

19 Chaitra, Thursday, 9 April, 30 Ramadan

Sunrise h. 5-46, Set h. 18-18 (Delhi Rise h. 6-04, Set h. 18-43) Midday h. 12-01-51s. ; Moonrise h. 6-25, Moonset h. 19-23

Tithi : (Chaitra Sukla) Pratipad h. 11-19, Asvini nakshatra h. 23-26, Vaidhriti yoga h. 6-17, Bava karana. Moon in Mesha.

Vasanta Navaratrarambha.

20 Chaitra, Friday, 10 April, 1 Shawal

Sunrise h. 5-45, Set h. 18-18 (Delhi Rise h. 6-03, Set h. 18-43) Midday h. 12-01-34s. ; Moonrise h. 7-03, Moonset h. 20-13

Tithi : (Chaitra Sukla) Dvitiya h. 13-50, Bharani nakshatra h. 26-30, Viskumbha yoga h. 7-13, Kaulava karana. Moon in Mesha.

Id-ul-Fitr

21 Chaitra, Saturday, 11 April, 2 Shawal

Sunrise h. 5-44, Set h. 18-19 (Delhi Rise h. 6-02, Set h. 18-44) Midday h. 12-01-18s. ; Moonrise h. 7-45, Moonset h. 21-03

Tithi : (Chaitra Sukla) Tritiya h. 16-26, Krittika nakshatra h. 29-35, Priti yoga h. 8-13, Gara Karana, Vanij karana then Vishti karana from h. 29-42 to next day. Moon enters Vrisha h. 9-17.

Gauri Tritya, Andolana Tritiya,
Sarhul (Bihar).

22 Chaitra, Sunday, 12 April, 3 Shawal

Sunrise h. 5-43, Set h. 18-19 (Delhi Rise h. 6-00, Set h. 18-44) Midday h. 12-01-02s. ; Moonrise h. 8-26, Moonset h. 21-52

Tithi : (Chaitra Sukla) Chaturthi h. 18-58, Rohini nakshatra Ahoratra, Ayusman yoga h. 9-13, Vishti karana upto h. 18-58. Moon in Vrisha.

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23 Chaitra, Monday, 13 April, 4 Shawal

Sunrise h. 5-42, Set h. 18-20 (Delhi Rise h. 5-59, Set h. 18-45) Midday h. 12-00-46s. ; Moonrise h. 9-11, Moonset h. 22-41

Tithi : (Chaitra Sukla) Panchami h.21-17, Rohini nakshatra h. 8-32, Saubhagya yoga h. 10-06, Bava karana. Moon enters Mithuna h. 21-55. Sun enters Asvini nakshatra h. 29-04.

Saura Vaisakhadi h. 28-06.

Sri (Lakshmi) Panchami, Vaisakhi.

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24 Chaitra Tuesday, 14 April, 5 Shawal

Sunrise h. 5-41, Set h. 18-20 (Delhi Rise h. 5-58, Set h. 18-46) Midday h. 12-00-31s. ; Moonrise h. 9-59, Moonset h. 23-29

Tithi : (Chaitra Sukla) Sasthi h. 23-13, Mrigasiras nakshatra h. 11-12, Sobhana yoga h. 10-45, Kaulava karana. Moon in Mithuna.

Skanda Sasthi, Chadaka Puja (Bengal), **Bahag. Bihu** (Assam), **Cheiraoba** (Manipur), **Vishu** (Kerala).

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25 Chaitra, Wednesday, 15 April, 6 Shawal

Sunrise h. 5-41, Set h. 18-20 (Delhi Rise h. 5-57, Set h. 18-46) Midday h. 12-00-16s. ; Moonrise h. 10-48, Moonset h. 24-16

Tithi : (Chaitra Sukla) Saptami h. 24-36, Ardra nakshatra h. 13-25, Atiganda yoga h. 11-02, Gara karana, Vanij karana then Vishti karana from h. 24-36 to next day. Moon in Mithuna.

Vasanti Puja (Bengal).

26 Chaitra, Thursday, 16 April, 7 Shawal

Sunrise h. 5-40, Set h. 18-21 (Delhi Rise h. 5-56, Set h. 18-47) Midday h. 12-00 01s. ; Moonrise h. 11-41, Moonset h. 25-01

Tithi : (Chaitra Sukla) Astami h. 25-18, Punarvasu nakshatra h. 15-02, Sukarma yoga h. 10-52, Vishti karana upto h. 12-57. Moon enters Karkata h. 8-41.

Asokastami, Annapurna Puja (Bengal), Mela Bahu Fort (Jammu).

27 Chaitra, Friday, 17 April, 8 Shawal

Sunrise h. 5-39, Set h. 18-21 (Delhi Rise h. 5-55, Set h. 18-47) Midday h. 11-59-47s. ; Moonrise h. 12-35, Moonset h. 25-45

Tithi : (Chaitra Sukla) Navami h.25-16, Pusya nakshatra h. 15-57, Dhriti yoga h. 10-08, Balava karana. Moon in Karkata.

Rama Navami.

28 Chaitra, Saturday, 18 April, 9 Shawal

Sunrise h. 5-38, Set h. 18-21 (Delhi Rise h. 5-54, Set h. 18-48) Midday h. 11-59-33s. ; Moonrise h. 13 31, Moonset h. 26-29

Tithi : (Chaitra Sukla) Dasami h. 24-26, Aslesa nakshatra h. 16-06, Sula yoga h. 8-48, Taitila karana. Moon enters Simha h. 16-06.

Dharmaraja Dasami.

29 Chaitra, Sunday, 19 April, 10 Shawal

Sunrise h. 5-37, Set h. 18-22 (Delhi Rise h. 5-53, Set h. 18-48) Midday h. 11-59-19s. ; Moonrise h. 14-29, Moonset h. 27-13

Tithi : (Chaitra Sukla) Ekadasi h. 22-50, Magha nakshatra h. 15-29, Ganda yoga h. 6-51 then Vriddhi yoga h. 28-18, Vanij karana then Vishti karana from h. 11-38 to h. 22-50. Moon in Simha. Sayana Vyatipata h. 7-00.

Kamada Ekadasi.

30 Chaitra, Monday, 20 April, 11 Shawal

Sunrise h. 5-36, Set h. 18-22 (Delhi Rise h. 5·52, Set h.18-49) Midday h. 11-59-06s. ; Moonrise h. 15-30, Moonset h. 27-57

Tithi : (Chaitra Sukla) Dvadasi h. 20-32, P. Phalguni nakshatra h. 14-09, Dhruva yoga h. 25-13, Bava karana. Moon enters Kanya h. 19-43.
Sun enters Trop. Taurus h. 25-47.

Month of VAISAKH....31 Days

Vedic month : Sukra (Vrisha)

Grishma Ritu—1st month

Uttarayana : Uttara Gola

Ayanamsa on 1st Vaisakh = 23^0 17′ 21″

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1 Vaisakh, Tuesday, 21 April, 12 Shawal

Sunrise h. 5-35, Set h. 18-23 (Delhi Rise h,5-51, Set h.18-50) Midday h. 11-58-53s. ; Moonrise h. 16-32, Moonset h. 28-43

Tithi : (Chaitra Sukla) Trayodasi h. 17-40, U. Phalguni nakshatra h. 12-12, Vyaghata yoga h. 21-39, Kaulava karana. Moon in Kanya.

Ananga Trayodasi, Damanaka Chaturdasi, Mahabira Jayanti (Jain).

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2 Vaisakh, Wednesday, 22 April, 13 Shawal

Sunrise h. 5-35, Set h.18-23 (Delhi Rise h.5-50, Set h. 18-50) Midday h. 11-58-40s. ; Moonrise h. 17-36, Moonset h. 29-32

Tithi : (Chaitra Sukla) Chaturdasi h. 14-21, Hasta nakshatra h. 9-46, Harshana yoga h. 17-45, Vanij karana then Vishti karana from h. 14-21 to h. 24-32. Moon enters Tula h. 20-24.

3 Vaisakh, Thursday, 23 April, 14 Shawal

Sunrise h. 5-34, Set h. 18-23 (Delhi Rise h. 5-49, Set h. 18-51)
Midday h. 11-58-28s. ; Moonrise h. 18-42

Tithi : (Chaitra Sukla) Purnima h. 10-43, Chitra nakshatra h. 6-59 then Svati nakshatra h.28-03, Vajra yoga h.13-37, Bava Karana. Moon in Tula.

Oil Ends (Jain).

4 Vaisakh, Friday, 24 April, 15 Shawal

Sunrise h. 5-33 Set h. 18-24 Delhi Rise h. 5-48, Set h. 18-51)
Midday h 11-58-17s. ; Moonset h. 6-23, Moonrise h 19-48

Tithi : (Chaitra Krishna) Pratipad h. 6-58 then Dvitiya h. 27-14. Visakha nakshatra h. 25-07, Siddhi (Asrik) yoga h. 9-24 then Vyatipata yoga h. 29-13, Kaulava karana. Moon enters Vriscika h. 19-50.

5 Vaisakh, Saturday, 25 April, 16 Shawal

Sunrise h. 5-32, Set h. 18-24 (Delhi Rise h. 5-47, Set h. 18-52)
Midday h. 11-58-06s. ; Moonset h. 7-18, Moorise h. 20-53

Tithi : (Chaitra Krishna) Tritiya h. 23-43, Anuradha nakshatra h. 22-23, Variyan yoga h. 25-13, Vanij karana then Vishti karana from h. 13-28 to h. 23-43. Moon in Vriscika.

6 Vaisakh, Sunday, 26 April, 17 Shawal

Sunrise h. 5-31, Set h. 18-25 (Delhi Rise h. 5-46, Set h. 18-53)
Midday h. 11-57-55s. ; Moonset h. 8-16, Moonrise h. 21-54

Tithi : (Chaitra Krishna) Chaturthi h. 20-33, Jyestha nakshatra h. 19-59, Parigha yoga h. 21-32, Bava karana. Moon enters Dhanu h. 19-59.

7 Vaisakh, Monday, 27 April, 18 Shawal

Sunrise h. 5-31, Set h. 18-25 (Delhi Rise h. 5-45, Set h. 18-53)
Midday h. 11-57-45s. ; Moonset h. 9-15, Moonrise h. 22-52

Tithi : (Chaitra Krishna) Panchami h. 17-53, Mula nakshatra h. 18-06, Siva yoga h. 18-17, Kaulava karana. Moon in Dhanu. Sun enters Bharani nakshatra h. 20-59.

8 Vaisakh, Tuesday, 28 April, 19 Shawal

Sunrise h. 5-30, Set h. 18-26 (Delhi Rise h. 5-44, Set h. 18-54) Midday h. 11-57-35s. ; Moonset h. 10 15, Moonrise h. 23-45

Tithi : (Chaitra Krishna) Sasthi h. 15-51, P. Asadha nakshatra h. 16-50, Siddha yoga h. 15-32, Vanij karana then Vishti karana from h. 15-51 to h. 27-11. Moon enters Makara h. 22-37.

9 Vaisakh, Wednesday, 29 April, 20 Shawal

Sunrise h. 5-29, Set h. 18-26 (Delhi Rise h. 5-43, Set h. 18-54) Midday h. 11-57-26s. ; Moonset h. 11-13, Moonrise h. 24-33

Tithi : (Chaitra Krishna) Saptami h. 14-31, U. Asadha nakshatra h. 16-17, Sadhya yoga h. 13-22, Bava karana. Moon in Makara.

10 Vaisakh, Thursday, 30 April, 21 Shawal

Sunrise h. 5-28, Set h. 18-26 (Delhi Rise h. 5-42, Set h. 18-55) Midday h. 11-57-18s. ; Moonset h. 12-10, Moonrise h. 25-16

Tithi : (Chaitra Krishna) Astami h. 13-57, Sravana nakshatra h. 16-28, Subha yoga h. 11-48, Kaulava karana. Moon enters Kumbha h. 28-50. Sayana Vaidhriti h. 23-23.

11 Vaisakh, Friday, 1 May, 22 Shawal

Sunrise h. 5-28, Set h. 18-27 (Delhi Rise h. 5-42, Set h. 18-55 Midday h. 11-57-10s ; Moonset h. 13-04, Moonrise h. 25-57

Tithi : (Chaitra Krishna) Navami h. 14-07, Dhanistha nakshatra h. 17-23, Sukla (Sukra) yoga h. 10 50, Gara karana Vanij karana then Vishti karana from h. 26-34 to next day. Moon in Kumbha.

12 Vaisakh, Saturday, 2 May, 23 Shawal

Sunrise h. 5-27, Set h. 18-27 (Delhi Rise h. 5-41, Set h. 18-56) Midday h. 11-57-02s. ; Moonset h. 13-57, Moonrise h. 26-35

Tithi : (Chaitra Krishna) Dasami h. 15-00, Satabhisaj nakshatra h. 18-58, Brahma yoga h. 10-24, Vishti karana upto h, 15-00. Moon in Kumbha,

13 Vaisakh, Sunday, 3 May, 24 Shawal

Sunrise h. 5-26, Set h. 18-28 (Delhi Rise h. 5-40, Set h. 18-57) Midday h. 11-56-55s. ; Moonset h. 14-49, Moonrise h 27-11

Tithi : (Chaitra Krishna) Ekadasi h. 16-28, P. Bhadrapada nakshatra h. 21-07, Indra yoga h. 10-28, Balava karana. Moon enters Mina h. 14-32.

Varuthini Ekadasi.

14 Vaisakh, Monday, 4 May, 25 Shawal

Sunrise h. 5-26, Set h. 18-28 (Delhi Rise h. 5-39, Set h. 18-57) Midday h. 11-56 49s. ; Moonset h. 15-40, Moonrise h. 27-48

Tithi : (Chaitra Krishna) Dvadasi h. 18-24, U. Bhadrapada nakshatra h. 23-41, Vaidhriti yoga h. 10-55, Taitila karana. Moon in Mina.

15 Vaisakh, Tuesday, 5 May, 26 Shawal

Sunrise h. 5-25, Set h. 18-29 (Delhi Rise h. 5-38, Set h. 18-58) Midday h. 11-56-43s. ; Moonset h. 16-30, Moonrise h. 28-25

Tithi : (Chaitra Krishna) Trayodasi h. 20-40, Revati nakshatra h. 26-33, Viskumbha yoga h. 11-38, Gara karana, Vanij karana then Vishti karana from h 20-40 to next day. Moon enters Mesha h. 26-33.

16 Vaisakh, Wednesday, 6 May, 27 Shawal

Sunrise h. 5-24, Set h. 18-29 (Delhi Rise h. 5-37, Set h. 18-58) Midday h. 11-56-38s. ; Moonset h. 17-19, Moonrise h. 29-03

Tithi : (Chaitra Krishna) Chaturdasi h. 23-08, Asvini nakshatra Ahoratra, Priti yoga h. 12-33, Vishti karana upto h. 9-54. Moon in Mesha.

17 Vaisakh, Thursday, 7 May, 28 Shawal

Sunrise h. 5-24, Set h. 18-30 (Delhi Rise h. 5-37, Set h. 18-59) Midday h. 11-56-33s. ; Moonset h. 18-09

Tithi : (Chaitra Krishna) Amavasya h. 25-41, Asvini nakshatra h. 5-35, Ayausman yoga h. 13-34, Chatuspada karana. Moon in Mesha.

Ascension Day—Holy Thursday.

18 Vaisakh, Friday, 8 May, 29 Shawal

Sunrise h. 5-23, Set h. 18-30 (Delhi Rise h. 5-36, Set h. 19-00) Midday h. 11-56-29s. ; Moonrise h. 5-42, Moonset h. 18-59

Tithi : (Vaisakha Sukla Pratipad h. 28-14, Bharani nakshatra h. 8-41, Saubhagya yoga h. 14-37, Kimstughna karana. Moon enters Vrisha h. 15-27.

Tithi of Deva Damodara (Assam).

19 Vaisakh, Saturday, 9 May, 30 Shawal

Sunrise h. 5-23, Set h. 18-31 (Delhi Rise h. 5-35, Set h. 19-00) Midday h. 11-56-26s. ; Moonrise h. 6-24, Moonset h. 19-50

Tithi : (Vaisakha Sukla) Dvitiya Ahoratra, Krittika nakshatra h. 11-44, Sobhana yoga h. 15-37, Balava karana. Moon in Vrisha.

Sivaji Jayanti.

20 Vaisakh, Sunday, 10 May, 1 Zilkada

Sunrise h. 5-22, Set h. 18-31 (Delhi Rise h. 5-34, Set h. 19-01) Midday h. 11-56-23s. ; Moonrise h. 7-08, Moonset h. 20-38

Tithi : (Vaisakha Sukla) Dvitiya h. 6-39, Rohini nakshatra h. 14-39, Atiganda yoga h. 16-29, Kaulava karana. Moon enters Mithuna h. 28-02.

Parasurama Jayanti (Pradosa),

Akshaya Tritiya **Ascension Sunday.**

21 Vaisakh, Monday, 11 May, 2 Zilkada

Sunrise h. 5-22, Set h. 18-31 (Delhi Rise h. 5-34, Set h 19-02) Midday h. 11-56-20s. ; Moonrise h. 7-55, Moonset h. 21-26

Tithi : (Vaisakha Sukla) Tritiya h. 8-52, Mrigasiras nakshatra h. 17-21, Sukarma yoga h. 17-11, Gara karana, Vanij karana then Vishti karana from h. 21-50 to next day. Moon in Mithuna. Sun enters Krittika nakshatra h. 15-06.

Akshaya Tritiya (Bengal)

Varsitapa Samapana (Jain).

22 Vaisakh, Tuesday, 12 May, 3 Zilkada

Sunrise h. 5-21, Set h. 18-32 (Delhi Rise h. 5-33, Set h.19-02) Midday h. 11-56-18s. ; Moonrise h. 8-44, Moonset h. 22-13

Tithi : (Vaisakha Sukla) Chaturthi h. 10-47, Ardra nakshatra h. 19-44, Dhriti yoga h. 17-38, Vishti karana upto h. 10-47. Moon in Mithuna.

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23 Vaisakh, Wednesday, 13 May, 4 Zilkada

Sunrise h. 5-20, Set h. 18-32 (Delhi Rise h. 5-32, Set h.19-03) Midday h. 11-56-17s. ; Moonrise h. 9-35, Moonset h. 22-58

Tithi : (Vaisakha Sukla) Panchami h. 12-18, Punarvasu nakshatra h. 21-41, Sula yoga h.17-45, Balava Karana. Moon enters Karkata h. 15-14.

Sri Sankara Deva's Birthday.

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24 Vaisakh, Thursday, 14 May, 5 Zilkada

Sunrise h. 5-19, Set h. 18-33 (Delhi Rise h. 5-32, Set h.19-03) Midday h. 11-56-16s. ; Moonrise h. 10-28, Moonset h. 23-42

Tithi : (Vaisakha Sukla) Sasthi h. 13-18, Pusya nakshatra h. 23-06, Ganda yoga h. 17-27, Taitila karana. Moon in Karkata. Sayana Vyatipata h. 17-36.

Saura Jyaisthadi h. 24-59.

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25 Vaisakh, Friday, 15 May, 6 Zilkada

Sunrise h. 5-19, Set h. 18-33 (Delhi Rise h. 5-31, Set h 19-04) Midday h. 11-56-16s. ; Moonrise h. 11-22, Moonset h. 24-24

Tithi : (Vaisakha Sukla) Saptami h. 13-42, Aslesa nakshatra h. 23-54, Vriddhi yoga h. 16-40, Vanij karana then Vishti karana from h. 13-42 to h. 25-33. Moon enters Simha h. 23-54.

Ganga Saptami.

26 Vaisakh, Saturday, 16 May, 7 Zilkada

Sunrise h. 5-19, Set h. 18-34 (Delhi Rise h. 5-31, Set h. 19-05) Midday h. 11-56-17s. ; Moonrise h. 12-17, Moonset h. 25-06

Tithi : (Vaisakha Sukla) Astami h. 13-25, Magha nakshatra h. 24-01, Dhruva yoga h. 15-21, Bava karana. Moon in Simha.

27 Vaisakh, Sunday, 17 May, 8 Zilkada

Sunrise h. 5-19, Set h. 18-34 (Delhi Rise h. 5-30, Set h. 19-05) Midday h. 11-56-18s. ; Moonrise h. 13-14, Moonset h. 25-49

Tithi : (Vaisakha Sukla) Navami h. 12-25, P. Phalguni nakshatra h. 23-26, Vyaghata yoga h. 13-28, Kaulava karana. Moon enters Kanya h. 29-10.

Mercury sets in the East h. 8-48

Sita Navami,
Whit Sunday.

28 Vaisakh, Monday, 18 May, 9 Zilkada

Sunrise h. 5-18, Set h. 18-35 (Delhi Rise h.5-30, Set h 19-06) Midday h. 11-56-19s. ; Moonrise h. 14-14, Moonset h. 26-32

Tithi : (Vaisakha Sukla) Dasami h. 10-43, U. Phalguni nakshatra h. 22-09, Harshana yoga h. 11-00, Gara karana, Vanij karana then Vishti karana from h. 21-32 to next day. Moon in Kanya.

29 Vaisakh, Tuesday, 19 May, 10 Zilkada

Sunrise h. 5-18, Set h. 18-35 (Delhi Rise h. 5-29, Set h. 19-06) Midday h. 11-56-21s. ; Moonrise h. 15-15, Moonset h. 27-18

Tithi : (Vaisakha Sukla) Ekadasi h. 8-21, Hasta nakshatra h. 20-15, Vajra yoga h. 8-00 then Siddhi (Asrik) yoga h.28-32, Vishti karana upto h. 8-21. Moon in Kanya.

Mohini Ekadasi, Rukmini and Pipitaki Dvadasi.

30 Vaisakh, Wednesday, 20 May, 11 Zilkada

Sunrise h. 5-17, Set h. 18-36 (Delhi Rise h. 5-29, Set h. 19-07) Midday h. 11-56-24s. ; Moonrise h. 16-19, Moonset h. 28-07

Tithi : (Vaisakha Sukla) Dvadasi h. 5-24 then Trayodasi h. 26-00, Chitra nakshatra h. 17-50, Vyatipata yoga h. 24-40, Balava karana. Moon enters Tula h. 7-06.

31 Vaisakh, Thursday, 21 May, 12 Zilkada

Sunrise h. 5-17, Set h. 18-36 (Delhi Rise h. 5-28, Set h. 19-07) Midday h. 11-56-27s. ; Moonrise h. 17-24, Moonset h. 29-00

Tithi : (Vaisakha Sukla) Chaturdasi h. 22-17, Svati nakshatra h. 15-02, Variyan yoga h. 20-32, Gara karana, Vanij karana then Vishti Karana from h. 22-17 to next day. Moon in Tula. Sun enters Trop. Gemini h. 25-13.

Nrisimha Chaturdasi.

Month of JYAISTHA....31 Days

Vedic month : Suchi (Mithuna)

Grishma Ritu—2nd Month

Uttarayana : Uttara Gola

Ayanamsa on 1st Jyaistha = 23° 17′ 25″

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1 Jyaistha, Friday, 22 May, 13 Zilkada

Sunrise h. 5-17, Set h. 18-37 (Delhi Rise h. 5-28, Set h. 19-08) Midday h. 11-56-30s. ; Moonrise h. 18-30,

Tithi : (Vaisakha Sukla) Purnima h. 18-26, Visakha nakshatra h. 12-02, Parigha yoga h. 16-16, Vishti karana upto h. 8-21. Moon enters Vriscika h. 6-48.

Vaisakhi Purnima, Buddha Purnima.

2 Jyaistha, Saturday, 23 May, 14 Zilkada

Sunrise h. 5-16, Set h. 18-37 (Delhi Rise h. 5-27, Set h. 19-09) Midday h. 11-56-35s. ; Moonset h. 5-56, Moonrise h. 19-35

Tithi : (Vaisakha Krishna) Pratipad h. 14-36, Anuradha nakshatra h 9-01, Siva yoga h. 12-00, Kaulava karana. Moon in Vriscika.

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3 Jyaistha, Sunday, 24 May, 15 Zilkada

Sunrise h. 5-16, Set h. 18-38 (Delhi Rise h. 5-27, Set h. 19-09) Midday h. 11-56-39s. ; Moonset h. 6-57, Moonrise h. 20-37

Tithi : (Vaisakha Krishna) Dvitiya h. 10-58, Jyestha nakshatra h. 6-08 then Mula nakshatra h. 27-37, Siddha yoga h. 7-54 then Sadhya yoga h. 28-06, Gara karana, Vanij karana then Vishti karana from h. 21-21 to next day. Moon enters Dhanu h. 6-08.

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4 Jyaistha, Monday, 25 May, 16 Zilkada

Sunrise h. 5 16, Set h. 18-38 (Delhi Rise h. 5-26, Set h. 19-10) Midday h. 11-56-44s. ; Moonset h. 7-58, Moonrise h. 21-34

Tithi : (Vaisakha Krishna) Tritiya h. 7-44 then Chaturthi h. 29-03, P. Asadha nakshatra h. 25-38, Subha yoga h. 24-44, Vishti karana upto h. 7-44. Moon in Dhanu. Sun enters Rohini nakshatra h. 11-24.

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5 Jyaistha, Tuesday, 26 May, 17 Zilkada

Sunrise h. 5-15, Set h. 18-38 (Delhi Rise h. 5-26, Set h 19-10) Midday h. 11-56-50s. ; Moonset h. 9-00, Moonrise h. 22-27

Tithi : (Vaisakha Krishna) Panchami h. 27-05, U. Asadha nakshatra h. 24-19, Sukla (Sukra) yoga h. 21-56, Kaulava karana. Moon enters Makara h. 7-14. Sayana Vaidhriti h. 11-24.

6 Jyaistha, Wednesday, 27 May, 18 Zilkada

Sunrise h 5-15, Set h. 18-39 (Delhi Rise h. 5-25, Set h. 19-11) Midday h. 11-56-56s. ; Moonset h. 10-00, Moonrise h. 23-16

Tithi : (Vaisakha Krishna) Sasthi h. 25-54, Sravana nakshatra h. 23-48, Brahma yoga h. 19-46, Gara karana, Vanij karana then Vishti karana from h. 25-54 to next day. Moon in Makara.

7 Jyaistha, Thursday, 28 May, 19 Zilkada

Sunrise h. 5-15, Set h. 18-40 (Delhi Rise h. 5-25, Set h. 19-12) Midday h. 11-57-03s. ; Moonset h. 10-56, Moonrise h. 23-56

Tithi : (Vaisakha Krishna) Saptami h. 25-34, Dhanistha nakshatra h. 24-07, Indra yoga h. 18-17, Vishti karana upto h. 13-44. Moon enters Kumbha h. 11-51.

8 Jyaistha, Friday, 29 May, 20 Zilkada

Sunrise h. 5-15, Set h. 18-40 (Delhi Rise h. 5-25, Set h. 19-12) Midday h. 11-57-10s. ; Moonset h. 11-52, Moonrise h. 24-35

Tithi : (Vaisakha Krishna) Astami h. 26-05, Satabhisaj nakshatra h. 25-16, Vaidhriti yoga h. 17-29, Balava karana. Moon in Kumbha.

9 Jyaistha, Saturday, 30 May, 21 Zilkada

Sunrise h. 5-15, Set h. 18-40 (Delhi Rise h. 5-25, Set h. 19-13) Midday h. 11-57-18s. ; Moonset h. 12-44, Moonrise h. 25-13

Tithi : (Vaisakha Krishna) Navami h. 27-21, P. Bhadrapada nakshatra h. 27-09, Viskumbha yoga h. 17-18, Taitila karana. Moon enters Mina h. 20-37.

10 Jyaistha, Sunday, 31 May, 22 Zilkada

Sunrise h. 5-14. Set h. 18-41 (Delhi Rise h. 5-24, Set h. 19-13) Midday h. 11-57-26s. ; Moonset h. 13-36, Moonrise h. 25-49

Tithi : (Vaisakha Krishna) Dasami h. 29-13, U. Bhadrapada nakshatra Ahoratra, Priti yoga h. 17-38, Vanij karana then Vishti karana from h. 16-17 to h. 29-13. Moon in Mina.

11 Jyaistha, Monday, 1 June, 23 Zilkada

Sunrise h. 5-14, Set h. 18-41 (Delhi Rise h. 5-24, Set h. 19-14) Midday h. 11-57-35s. ; Moonset h. 14-26, Moonrise h. 26-26

Tithi : (Vaisakha Krishna) Ekadasi Ahoratra, U. Bhadrapada nakshatra h. 5-37, Ayusman yoga h. 18-22, Bava karana. Moon in Mina.

12 Jyaistha, Tuesday, 2 June, 24 Zilkada

Sunrise h. 5-14, Set h. 18-41 (Delhi Rise h. 5-24, Set h. 19-14) Midday h. 11-57-44s. ; Moonset h. 15-16, Moonrise h. 27-03

Tithi : (Vaisakha Krishna) Ekadasi h. 7-31, Revati nakshatra h. 8-30, Saubhagya yoga h. 19-20, Balava karana. Moon enters Mesha h. 8-30.

Apara Ekadasi.

13 Jyaistha, Wednesday, 3 June, 25 Zilkada

Sunrise h. 5-14, Set h. 18-41 (Delhi Rise h. 5-24, Set h. 19-14) Midday h. 11-57-53s. ; Moonset h. 16-05, Moonrise h. 27-42

Tithi : (Vaisakha Krishna) Dvadasi h. 10-03, Asvini nakshatra h. 11-35, Sobhana yoga h. 20-25, Taitila karana. Moon in Mesha.

14 Jyaistha, Thursday, 4 June, 26 Zilkada

Sunrise h. 5-14, Set h. 18-42 (Delhi Rise h. 5-24, Set h. 19-15) Midday h. 11-58-03s. ; Moonset h. 16-55, Moonrise h. 28-23

Tithi : (Vaisakha Krishna) Trayodasi h. 12-37, Bharani nakshatra h. 14-43, Atiganda yoga h. 21-30, Vanij karana then Vishti karana from h. 12-37 to h. 25-52. Moon enters Vrisha h. 21-29.

Savitri Chaturdasi (Bengal).

15 Jyaistha, Friday, 5 June, 27 Zilkada

Sunrise h. 5-14, Set h. 18-43 (Delhi Rise h. 5-24, Set h. 19-16) Midday h. 11-58-13s. ; Moonset h. 17-46, Moonrise h. 29-06

Tithi : (Vaisakha Krishna) Chaturdasi h. 15-06, Krittika nakshatra h. 17-44, Sukarma yoga h. 22-28, Sakuni karana. Moon in Vrisha.

Phalaharini Kalika Puja.

16 Jyaistha, Saturday, 6 June, 28 Zilkada

Sunrise h. 5-14, Set h. 18-43 (Delhi Rise h. 5-23, Set h. 19-16) Midday h. 11-58-24s. ; Moonset h. 18-35.

Tithi : (Vaisakha Krishna) Amavasya h. 17-23, Rohini nakshatra h. 20-34, Dhriti yoga h. 23-17, Naga karana. Moon in Vrisha.

Vatasavitri Amavasya.

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17 Jyaistha, Sunday, 7 June, 29 Zilkada

Sunrise h. 5-14, Set h. 18-44 (Delhi Rise h. 5-23, Set h. 19-17) Midday h. 11-58-35s. ; Moonrise h. 5-52, Moonset h. 19-24

Tithi : (Jyaistha Sukla) Pratipad h. 19-24, Mrigasiras nakshatra h. 23-08. Sula yoga h. 23-53, Kintughna karana. Moon enters Mithuna h. 9-54.

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18 Jyaistha, Monday, 8 June, 30 Zilkada

Sunrise h. 5-14, Set h. 18-44 (Delhi Rise h. 5-23, Set h. 19-17) Midday h 11-58-46s. ; Moonrise h. 6-40, Moonset h, 20-11

Tithi : (Jyaistha Sukla) Dvitiya h. 21-06, Ardra nakshatra h 25-24, Ganda yoga h. 24-14, Balava karana. Moon in Mithuna. Sun enters Mrigasiras nakshatra h. 9-14. Sayana Vyatipata h. 24-23.

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19 Jyaistha, Tuesday, 9 June, 1 Zilhijja

Sunrise h. 5-14, Set h. 18-44 (Delhi Rise h. 5-23, Set h. 19-17) Midday h. 11-58-57s. ; Moonrise h. 7-31, Moonset h. 20-57

Tithi : (Jyaistha Sukla) Tritiya h. 22-27, Punarvasu nakshatra h. 27-19, Vriddhi yoga h. 24-18, Taitila karana. Moon enters Karkata h. 20-52.

Rambha Tritiya, Pratap Jayanti (Rajasthan).

20 Jyaistha, Wednesday, 10 June, 2 Zilhijja

Sunrise h. 5-14, Set h. 18-45 (Delhi Rise h. 5-23, Set h. 19-18) Midday h. 11-59-09s. ; Moonrise h. 8-24, Moonset h. 21-41

Tithi : (Jyaistha Sukla) Chaturthi h. 23-24, Pusya nakshatra h. 28-50, Dhruva yoga h. 24-04, Vanij karana then Vishti karana from h. 10-56 to h. 23-24. Moon in Karkata.

Guru Arjun Deva's Martyrdom Day (Sikh).

21 Jyaistha, Thursday, 11 June, 3 Zilhijja

Sunrise h. 5-14, Set h. 18-45 (Delhi Rise h. 5-23, Set h. 19-18) Midday h. 11-59-21s. ; Moonrise h. 9-17, Moonset h. 22-24

Tithi : (Jyaistha Sukla) Panchami h. 23-54, Aslesa nakshatra Ahoratra, Vyaghata yoga h. 23-29, Bava karana. Moon in Karkata.

22 Jyaistha, Friday, 12 June, 4 Zilhijja

Sunrise h 5-14, Set h. 18-45 (Delhi Rise h. 5-23, Set h. 19-19) Midday h. 11-59-33s. ; Moonrise h. 10-11, Moonset h. 23-06

Tithi : (Jyaistha Sukla) Sasthi h. 23-55, Aslesa nakshatra h. 5-54, Harshana yoga h. 22-31, Kaulava karana. Moon enters Simha h. 5-54.

Aranya Sasthi (Skanda Sasthi).

23 Jyaistha, Saturday 13 June, 5 Zilhijja

Sunrise h. 5-14, Set h. 18-46 (Delhi Rise h. 5-23, Set h. 19-19) Midday h. 11-59-45s. ; Moonrise h. 11-07, Moonset h. 23-46

Tithi : (Jyaistha Sukla) Saptami h. 23-22, Magha nakshatra h. 6-28, Vajra yoga h. 21-06, Gara karana, Vanij karana then Vishti karana from h. 23-22 to next day. Moon in Simha.

Mercury rises in the West h. 26-18

24 Jyaistha, Sunday, 14 June, 6 Zilhijja

Sunrise h. 5-14, Set h. 18-46 (Delhi Rise h. 5-23, Set h. 19-19) Midday h. 11-59-58s. ; Moonrise h. 12-04, Moonset h. 24-28

Tithi : (Jyaistha Sukla) Astami h. 22-14, P. Phalguni nakshatra h. 6-29, Siddhi (Asrik) yoga h. 19-13, Vishti karana upto h. 10-48. Moon enters Kanya h. 12-24.

Mela Khir Bhawani (Kashmir).

25 Jyaistha, Monday, 15 June, 7 Zilhijja

Sunrise h. 5-14, Set h. 18-46 (Delhi Rise h. 5-23, Set h. 19-20) Midday h. 12-00-10s. ; Moonrise h. 13-02, Moonset h. 25-11

Tithi : (Jyaistha Sukla) Navami h. 20-30, U. Phalguni nakshatra h. 5-55 then Hasta nakshatra h. 28-46, Vyatipata yoga h. 16-51, Balava karana. Moon in Kanya.

Saura Asadhadi h. 7-35.

Dasami with Hasta nakshatra (from 20^h 30^m to 28^h 46^m).

26 Jyaistha, Tuesday, 16 June, 8 Zilhijja

Sunrise h. 5-14, Set h. 18-47 (Delhi Rise h. 5-23, Set h. 19-20) Midday h. 12-00-23s. ; Moonrise h. 14-02, Moonset h. 25-57

Tithi : (Jyaistha Sukla) Dasami h.18-13, Chitra nakshatra h. 27-04, Variyan yoga h. 14-01, Taitila karana, Vanij karana then Vishti karana from h. 28-49 to next day. Moon enters Tula h. 15-59.

Ganga Dasahara

27 Jyaistha, Wednesday, 17 June, 9 Zilhijja

Sunrise h 5-14, Set h. 18-47 (Delhi Rise h. 5-23, Set h. 19-20) Midday h. 12-00-36s. ; Moonrise h. 15-05, Moonset h. 26 46

Tithi : (Jyaistha Sukla) Ekadasi h. 15-25, Svati nakshatra h. 24-53, Parigha yoga h. 10-45, Vishti karana upto h. 15-25. Moon in Tula.

Nirjala Ekadasi.

28 Jyaistha, Thursday, 18 June, 10 Zilhijja

Sunrise h. 5-14, Set h. 18-47 (Delhi Rise h. 5-23, Set h. 19-21)
Midday h. 12-00-49s. ; Moonrise h. 16-09, Moonset h. 27-40

Tithi : (Jyaistha Sukla) Dvadasi h. 12-12, Visakha nakshatra h. 22-21, Siva yoga h. 7-08 then Siddha yoga h. 27-14, Balava karana. Moon enters Vriscika h. 17-00.

Champaka Dvadasi,

Id-uz-Zuha (Bakrid).

29 Jyaistha, Friday, 19 June, 11 Zilhijja

Sunrise h. 5-14, Set h. 18-48 (Delhi Rise h. 5-24, Set h. 19-21)
Midday h. 12-01-02s. ; Moonrise h. 17-14, Moonset h. 28-37

Tithi : (Jyaistha Sukla) Trayodasi h. 8-42 then Chaturdasi h. 29-05, Anuradha nakshatra h. 19-36, Sadhya yoga h. 23-12, Taitila karana, Vanij karana then Vishti karana from h. 29-05 to next day. Moon in Vriscika.

Champaka Chaturdasi.

30 Jyaistha, Saturday, 20 June, 12 Zilhijja

Sunrise h. 5-15, Set h. 18-48 (Delhi Rise h. 5-24, Set h. 19-21)
Midday h. 12-01-14s. ; Moonrise h. 18-18

Tithi : (Jyaistha Sukla) Purnima h. 25-30, Jyestha nakshatra h. 16-48, Subha yoga h. 19-09, Vishti karana upto h. 15-17. Moon enters Dhanu h. 16-48.

Deva Snanapurnima

Vatasavitrivrata (Purnima paksha).

31 Jyaistha, Sunday, 21 June, 13 Zilhijja

Sunrise h. 5-15, Set h. 18-48 (Delhi Rise h. 5-24, Set h. 19-21)
Midday h. 12-01-27s. ; Moonset h. 5-38, Moonrise h. 19-18

Tithi : (Jyaistha Krishna) Pratipad h. 22-08, Mula nakshatra h. 14-10, Sukla (Sukra) yoga h. 15-15, Balava karana. Moon in Dhanu. Sayana Vaidhriti h. 5-18.

Guru Hargobind Singh's Day (Jammu and Kashmir).

Month of ASADH....31 Days

Vedic month : Nabhas (Karkata)

Varsha Ritu—1st month

Dakshinayana : Uttara Gola

Ayanamsa on 1st Asadh = 23° 17′ 30″

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1 Asadh, Monday, 22 June, 14 Zilhijja

Sunrise h. 5-15, Set h. 18-48 (Delhi Rise h. 5-24, Set h. 19-22)
Midday h. 12-01-40s. ; Moonset h. 6-41, Moonrise h. 20-14

Tithi : (Jyaistha Krishna) Dvitiya h. 19-10, P. Asadha nakshatra h. 11-51, Brahma yoga h. 11-38, Taitila karana. Moon enters Makara h. 17-20. Sun enters Trop. Cancer h. 9-20 Sun enters Ardra nakshatra h. 8-17. Jupiter enters Tula (retrograde) h. 12-27.

Dakshinayana Day.

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2 Asadh, Tuesday, 23 June, 15 Zilhijja

Sunrise h. 5-15, Set h. 18-48 (Delhi Rise h. 5-24, Set h. 19-22)
Midday h. 12-01-53s. ; Moonset h. 7-42, Moonrise h. 21-05

Tithi : (Jyaistha Krishna) Tritiya h. 16-45, U. Asadha nakshatra h. 10-03, Indra yoga h. 8-25, Vanij karana then Vishti karana from h. 5-57 to h. 16-45. Moon in Makara.

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3 Asadh, Wednesday, 24 June, 16 Zilhijja

Sunrise h. 5-15, Set h. 18-49 (Delhi Rise h. 5-25, Set h. 19-22)
Midday h. 12-02-06s. ; Moonset h. 8-43, Moonrise h. 21-50

Tithi : (Jyaistha Krishna) Chaturthi h. 15-04, Sravana nakshatra h. 8-55, Vaidhriti yoga h. 5-46 then Viskumbha yoga h. 27-45, Balava karana. Moon enters Kumbha h. 20-39.

4 Asadh, Thursday, 25 June, 17 Zilhijja

Sunrise h 5-16, Set h. 18-49 (Delhi Rise h. 5-25, Set h. 19-22) Midday h. 12-02-19s. ; Moonset h. 9-41, Moonrise h. 22-32

Tithi : (Jyaistha Krishna) Panchami h. 14-11, Dhanistha nakshatra h. 8-34, Priti yoga h. 26-25, Taitila karana. Moon in Kumbha.

5 Asadh, Friday, 26 June, 18 Zilhijja

Sunrise h. 5-16, Set h. 18-49 (Delhi Rise h. 5-25, Set h. 19-22) Midday h. 12-02-32s. ; Moonset h. 10-36, Moonrise h. 23-11

Tithi : (Jyaistha Krishna) Sasthi h. 14-11, Satabhisaj nakshatra h. 9-05, Ayusman yoga h. 25-46, Vanij karana then Vishti karana from h. 14-11 to h. 26-35. Moon enters Mina h. 28-01.

6 Asadh, Saturday, 27 June, 19 Zilhijja

Sunrise h. 5-16, Set h. 18-49 (Delhi Rise h. 5-25, Set h. 19-23) Midday h. 12-02-44s. ; Moonset h. 11-29. Moonrise h. 23-49

Tithi : (Jyaistha Krishna) Saptami h. 15-00, P. Bhadrapada nakshatra h. 10-25, Saubhagya yoga h. 25-44, Bava karana. Moon in Mina.

7 Asadh, Sunday, 28 June, 20 Zilhijja

Sunrise h. 5-17, Set h. 18-49 (Delhi Rise h. 5-26, Set h. 19-23) Midday h. 12-02-57s. ; Moonset h. 12-20, Moonrise h. 24-26

Tithi : (Jyaistha Krishna) Astami h 16-34, U. Bhadrapada nakshatra h. 12-30, Sobhana yoga h. 26-13, Kaulava karana. Moon in Mina.

8 Asadh, Monday, 29 June, 21 Zilhijja

Sunrise h. 5-17, Set h. 18-49 (Delhi Rise h. 5-26, Set h 19-23) Midday h. 12-03-09s. ; Moonset h. 13-11, Moonrise h. 25-03

Tithi : (Jyaistha Krishna) Navami h. 18-40, Revati nakshatra h. 15-08, Atiganda yoga h. 27-04, Taitila karana. Moon enters Mesha h. 15-08.

9 Asadh, Tuesday, 30 June, 22 Zilhijja

Sunrise h. 5-17, Set h. 18-49 (Delhi Rise h. 5-26, Set h. 19-23)
Midday h. 12-03-21s. ; Moonset h. 14-01, Moonrise h. 25-41

Tithi : (Jyaistha Krishna) Dasami h. 21-06, Asvini nakshatra h. 18-07, Sukarma yoga h. 28-07, Vanij karana then Vishti karana from h. 7-53 to h. 21-06. Moon in Mesha.

10 Asadh, Wednesday, 1 July, 23 Zilhijja

Sunrise h. 5-18, Set h. 18-50 (Delhi Rise h. 5- 27, Set h.19-23)
Midday h. 12-03-33s. ; Moonset h. 14-51, Moonrise h. 26-21

Tithi : (Jyaistha Krishna) Ekadasi h. 23-39, Bharani nakshatra h, 21-13, Dhriti yoga h. 29-11, Bava karana. Moon enters Vrisha h. 27-59.

Yogini Ekadasi.

11 Asadh, Thursday, 2 July, 24 Zilhijja

Sunrise h. 5-18, Set h. 18-50 (Delhi Rise h. 5-27, Set h. 19-23)
Midday h. 12-03-45s. ; Moonset h. 15-40, Moonrise h. 27-04

Tithi : (Jyaistha Krishna) Dvadasi h. 26-05, Krittika nakshatra h. 24-15, Sula yoga Ahoratya, Kaulava karana. Moon in Vrisha.

12 Asadh, Friday, 3 July, 25 Zilhijja

Sunrise h. 5-18, Set h. 18-50 (Delhi Rise h. 5-27, Set h. 19-23)
Midday h. 12-03-56s. ; Moonset h. 16-30, Moonrise h. 27-49

Tithi : (Jyaistha Krishna) Trayodasi h. 28-15, Rohini nakshatra h. 27-02, Sula yoga h. 6-09, Gara karana, Vanij karana then Vishti karana from h. 28-15 to next day. Moon in Vrisha.

13 Asadh, Saturday, 4 July, 26 Zilhijja

Sunrise h. 5-18, Set 18-50 (Delhi Rise h. 5-28, Set h. 19-23)
Midday h. 12-04-08s. ; Moonset h. 17-20, Moonrise h. 28-37

Tithi : (Jyaistha Krishna) Chaturdasi Ahoratra, Mrigasiras nakshatra Ahoratra, Ganda yoga h. 6-54, Vishti karana upto h. 17-10. Moon enters Mithuna h. 16-18. Sayana Vyatipata h. 7-04.

14 Asadh, Sunday, 5 July, 27 Zilhijja

Sunrise h. 5-19, Set h. 18-50 (Delhi Rise h. 5-28, Set 19-23). Midday h. 12-04-18s. ; Moonset h. 18-08

Tithi : (Jyaistha Krishna) Chaturdasi h. 6-05, Mrigasiras nakshatra h. 5-28, Vriddhi yoga h. 7-23, Sakuni karana. Moon in Mithuna.

15 Asadh, Monday, 6 July, 28 Zilhijja

Sunrise h. 5-19, Set h. 18-50 (Delhi Rise h. 5-29, Set h. 19-23). Midday h. 12-04-29s. ; Moonrise h. 5-27, Moonset h. 18-55

Tithi : (Jyaistha Krishna) Amavasya h. 7-30, Ardra nakshatra h. 7-32, Dhruva yoga h. 7-33, Naga karana. Moon enters Karkata h. 26-49. Sun enters Punarvasu nakshatra h. 7-52.

16 Asadh, Tuesday 7 July, 29 Zilhijja

Sunrise h. 5-20, Set h. 18-50 (Delhi Rise h. 5-29, Set h. 19-22). Midday h. 12-04-39s. ; Moonrise h. 6-19, Moonset h. 19-41

Tithi : (Asadha Sukla) Pratipad h. 8-31, Punarvasu nakshatra h. 9-12, Vyaghata yoga h. 7-25, Bava karana. Moon in Karkata.

17 Asadh, Wednesday, 8 July, 1 Muharram

Sunrise h. 5-20, Set h. 18-50 (Delhi Rise h. 5-30, Set h. 19-22) Midday h. 12-04-49s. ; Moonrise h. 7-13, Moonset h. 20-24

Tithi : (Asadha Sukla) Dvitiya h. 9-08, Pusya nakshatra h. 10-28, Harshana yoga h. 6-57. Kaulava karana. Moon in Karkata.

Rathayatra.

18 Asadh, Thursday, 9 July, 2 Muharram

Sunrise h. 5-20, Set h. 18-49 (Delhi Rise h. 5-30, Set h. 19-22) Midday h. 12-04-59s. ; Moonrise h. 8-08, Moonset h. 21-07

Tithi : (Asadha Sukla) Tritiya h. 9-22, Aslesa nakshatra h. 11-22, Vajra yoga h. 6-11 then Siddhi (Asrik) yoga h. 29-07, Gara karana, Vanij karana then Visthi karana from h. 21-17 to next day. Moon enters Simha h. 11-22.

19 Asadh, Friday, 10 July, 3 Muharram

Sunrise h. 5-21, Set h. 18-49 (Delhi Rise h. 5-31, Set h. 19-22) Midday h. 12-05-08s. ; Moonrise h. 9-03, Moonset h. 21-48

Tithi : (Asadha Sukla) Chaturthi h. 9-13, Magha nakshatra h. 11-53, Vyatipata yoga h. 27-44, Vishti karana upto h. 9-13, Moon in Simha.

20 Asadh, Saturday, 11 July, 4 Muharram

Sunrise h. 5-21, Set h. 18-49 (Delhi Rise h. 5-31, Set h. 19-22) Midday h. 12-05-16s. ; Moonrise h. 9-59, Moonset h. 22-29

Tithi : (Asadha Sukla) Panchami h. 8-40, P. Phalguni nakshatra h. 12-01, Variyan yoga h 26-02, Balava karana. Moon enters Kanya h. 18-00.

Skanda Panchami, Kumara Sasthi.

21 Asadh, Sunday, 12 July, 5 Muharram

Sunrise h. 5-22, Set h. 18-49 (Delhi Rise h. 5-32, Set h. 19-21) Midday h. 12-05-24s. ; Moonrise h. 10-56, Moonset h. 23-10

Tithi : (Asadha Sukla) Sasthi h. 7-43, U. Phalguni nakshatra h. 11-46, Parigha yoga h. 24-00, Taitila karana. Moon in Kanya.

Vivasvat Saptami.

22 Asadh, Monday, 13 July, 6 Muharram

Sunrise h. 5-22, Set h. 18-49 (Delhi Rise h. 5-32, Set h. 19-21) Midday h. 12-05-32s. ; Moonrise h. 11-54, Moonset h. 23-53

Tithi : (Asadha Sukla) Saptami h. 6-22 then Astami h. 28-35, Hasta nakshatra h. 11-05, Siva yoga h. 21-38, Vanij karana then Vishti karana from h. 6-22 to h. 17-28. Moon enters Tula h. 22-35.

Kharchi Puja (Tripura), **Martyr's Day** (Jammu and Kashmir).

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23 Asadh, Tuesday, 14 July, 7 Muharram

Sunrise h. 5-22, Set h. 18-49 (Delhi Rise h. 5-32, Set h. 19-21) Midday h. 12-05-39s. ; Moonrise h. 12-54 Moonset h. 24-40

Tithi : (Asadha Sukla) Navami h. 26-23, Chitra nakshatra h. 9-59, Siddha yoga h. 18-55, Balava karana. Moon in Tula.

Mela Sharika Bhagwati (Kashmir).

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24 Asadh, Wednesday, 15 July, 8 Muharram

Sunrise h. 5-23, Set h. 18-49 (Delhi Rise h. 5-33, Set h. 19-21) Midday h. 12-05-46s. ; Moonrise h. 13-55, Moonset h. 25-30

Tithi : (Asadha Sukla) Dasami h. 23-50, Svati nakshatra h. 8-29, Sadhya yoga h. 15-53, Taitila karana. Moon enters Vriscika h. 25-07.

Punaryatra (in some opinion).

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25 Asadh, Thursday, 16 July, 9 Muharram

Sunrise h. 5-23, Set h. 18-48 (Delhi Rise h. 5-33, Set h. 19-20) Midday h. 12-05-52s. ; Moonrise h. 14-58, Moonset h. 26-23

Tithi : (Asadha Sukla) Ekadasi h. 20-59, Visakha nakshatra h. 6-38 then Anuradha nakshatra h. 28-31, Sukha yoga h. 12-35, Vanij karana then Vishti karana from h. 10-24 to h. 20-59. Moon in Vriscika. Sayana Vaidhriti h. 22-59. Saura Sravanadi h. 18-28

Harisayani Ekadasi, Punaryatra,
Manasa Puja (beginning).

26 Asadh, Friday, 17 July, 10 Muharram

Sunrise h. 5-24, Set h. 18-48 (Delhi Rise h. 5-34, Set h. 19-20) Midday h. 12-05-58s. ; Moonrise h. 16-01, Moonset h. 27-21

Tithi : (Asadha Sukla) Dvadasi h. 17-56, Jyestha nakshatra h. 26-16, Sukla (Sukra) yoga h. 9-05, Bava karana. Moon enters Dhanu h. 26-16.

Muharram.

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27 Asadh, Saturday, 18 July, 11 Muharram

Sunrise h. 5-24, Set h. 18-48 (Delhi Rise h. 5-34, Set h 19-20). Midday h. 12-06-03s. ; Moonrise h. 17-02, Moonset h. 28-22

Tithi : (Asadha Sukla) Trayodasi h. 14-51, Mula nakshatra h. 24-00, Brahma yoga h. 5-30 then Indra yoga h. 25-55, Taitila karana. Moon in Dhanu.

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28 Asadh, Sunday, 19 July, 12 Muharram

Sunrise h. 5-24, Set h. 18-48 (Delhi Rise h. 5-35, Set h. 19-19) Midday h. 12-06-08s. ; Moonrise h. 17-59

Tithi : (Asadha Sukla) Chaturdasi h. 11-50, P. Asadha nakshatra h. 21-53, Vaidhriti yoga h. 22-29, Vanij karana then Vishti karana from h. 11-50 to h. 22-26. Moon enters Makara h. 27-24.

Mela Jawalamukhi(Kashmir),

Kokila Vrata.

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29 Asadh, Monday, 20 July, 13 Muharram

Sunrise h. 5-24, Set h. 18-47 (Delhi Rise h. 5-35, Set h. 19-19). Midday h. 12-06-12s. ; Moonset h. 5-24. Moonrise h. 18-52

Tithi : (Asadha Sukla) Purnima h. 9-03, U. Asadha nakshatra h. 20-06, Viskumbha, yoga h. 19-18, Bava karana. Moon in Makara. Sun enters Pusya nakshatra h. 7-25.

Guru Purnima.

30 Asadh, Tuesday, 21 July, 14 Muharram

Sunrise h. 5-25, Set h. 18-47 (Delhi Rise h. 5-36, Set h. 19-19)
Midday h. 12-06-15s. ; Moonset h. 6-25, Moonrise h. 19-41

Tithi : (Asadha Krishna) Pratipad h. 6-41 then Dvitiya h, 28-52, Sravana nakshatra h. 18-47, Priti yoga h. 16-32, Kaulava karana. Moon in Makara.

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31 Asadh, Wednesday, 22 July, 15 Muharram

Sunrise h, 5-26, Set h. 18-47 (Delhi Rise h. 5-37, Set h. 19-18)
Midday h. 12-06-18s. ; Moonset h, 7-25, Moonrise h. 20-25

Tithi : (Asadha Krishna) Tritiya h. 27-43, Dhanistha nakshatra h. 18-06, Ayusman yoga h. 14-15, Vanij karana then Vishti karana from h. 16-17 to h. 27-43. Moon enters Kumbha h. 6-22

Month of SRAVAN....31 Days

Vedic month : Nabhasya (Simha)

Varsha Ritu—2nd month

Dakshinayana : Uttara Gola

Ayanamsa on 1st Sravan = 23^{0} $17'$ $34''$

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1 Sravan, Thursday, 23 July, 16 Muharram

Sunrise h. 5-26, Set h. 18-46 (Delhi Rise h. 5-37, Set h. 19-18)
Midday h. 12-06-21s. ; Moonset h. 8-22, Moonrise h. 21-07

Tithi : (Asadha Krishna) Chaturthi h. 27-21, Satabhisaj nakshatra h. 18-09, Saubhagya yoga h. 12-33, Bava Karana. Moon in Kumbha. Sun enters Trop. Leo h. 20-16.

2 Sravan, Friday, 24 July, 17 Muharram

Sunrise h. 5-27, Set h. 18-46 (Delhi Rise h. 5-38,Set h. 19-17) Midday h. 12-06-23s. ; Moonset h. 9-17, Moonrise h. 21-46

Tithi : (Asadha Krishna) Panchami h. 27-47, P. Bhadrapada nakshatra h. 18-59, Sobhana yoga h. 11-29, Kaulava karana. Moon enters Mina h. 12-42.

Naga Panchami (Bengal).

3 Sravan, Saturday, 25 July, 18 Muharram

Sunrise h. 5-27, Set h. 18-46 (Delhi Rise h. 5-38, Set h. 19-17) Midday h. 12-06-24s. ; Moonset h. 10-11, Moonrise h. 22-24

Tithi : (Asadha Krishna) Sasthi h. 28-58, U. Bhadrapada nakshatra h. 20-34, Atiganda yoga h. 11-03, Gara karana, Vanij karana then Vishti karana from h. 28-58 to next day. Moon in Mina.

Mercury sets in the West h. 26-54

4 Sravan, Sunday, 26 July, 19 Muharram

Sunrise h. 5-28, Set h. 18-45 (Delhi Rise h. 5-39, Set h. 19-16) Midday h. 12-06-25s. ; Moonset h. 11-02, Moonrise h. 23-01

Tithi : (Asadha Krishna) Saptami Ahoratra, Revati nakshatra h. 22-49, Sukarma yoga h. 11-11, Vishti karana upto h. 17-52. Moon enters Mesha 22-49.

5 Sravan, Monday, 27 July, 20 Muharram

Sunrise h. 5-28, Set h. 18-45 (Delhi Rise h. 5-39, Set h. 19-16) Midday h. 12-06-25s. ; Moonset h. 11-53, Moonrise h. 23-40

Tithi : (Asadha Krishna) Saptami h. 6-47, Asvini nakshatra h. 25-33, Dhriti yoga h. 11-45, Bava karana. Moon in Mesha.

6 Sravan, Tuesday, 28 July, 21 Muharram

Sunrise h. 5-28, Set h. 18-44 (Delhi Rise h. 5-40, Set h. 19-15) Midday h. 12-06-24s. ; Moonset h. 12-44, Moonrise h. 24-19

Tithi : (Asadha Krishna) Astami h. 9-02, Bharani nakshatra h. 28-32, Sula yoga h. 12-38, Kaulava karana. Moon in Mesha.

Ker Puja (Tripura).

7 Sravan, Wednesday, 29 July, 22 Muharram

Sunrise h. 5-29, Set h. 18-44 (Delhi Rise h. 5-41, Set h. 19-14)
Midday h. 12-06-23s. ; Moonset h. 13-33, Moonrise h. 25-01

Tithi : (Asadha Krishna) Navami h. 11-29, Krittika nakshatra Ahoratra, Ganda yoga h. 13-39, Gara karana, Vanij karana then Vishti karana from h. 24-41 to next day. Moon enters Vrisha h. 11-18. Sayana Vyatipata h. 13-48.

8 Sravan, Thursday, 30 July, 23 Muharram

Sunrise h. 5-29, Set h. 18-43 (Delhi Rise h. 5-41, Set h. 19-14)
Midday h. 12-06-22s. ; Moonset h. 14-24, Moonrise h. 25-44

Tithi : (Asadha Krishna) Dasami h. 13-53, Krittika nakshatra h. 7-33, Vriddhi yoga h. 14-36, Vishti karana upto h. 13-53. Moon in Vrisha.

9 Sravan, Friday, 31 July, 24 Muharram

Sunrise h. 5-30, Set h. 18-43 (Delhi Rise h. 5-42, Set h. 19-13)
Midday h. 12-06-20s. ; Moonset h. 15-13, Moonrise h. 26-31

Tithi : (Asadha Krishna) Ekadasi h. 16-03, Rohini nakshatra h. 10-22, Dhruva yoga h. 15-22, Balava karana. Moon enters Mithuna h. 23-38.

Kamika Ekadasi.

10 Sravan, Saturday, 1 August, 25 Muharram

Sunrise h. 5-30, Set h. 18-42 (Delhi Rise h. 5-42, Set h. 19-12)
Midday h. 12-06-17s. ; Moonset h. 16-02, Moonrise h. 27-20

Tithi : (Asadha Krishna) Dvadasi h. 17-48, Mrigasiras nakshatra h. 12-49, Vyaghata yoga h. 15-50, Taitila karana. Moon in Mithuna.

Tilak Commemoration Day.

11 Sravan, Sunday, 2 August, 26 Muharram

Sunrise h. 5-31, Set h. 18-42 (Delhi Rise h. 5-43, Set h. 19-12) Midday h. 12-06-13s. ; Moonset h. 16-50, Moonrise h. 28-12

Tithi : (Asadha Krishna) Trayodasi h. 19-04, Ardra nakshatra h. 14-48, Harshana yoga h. 15-54, Gara karana, Vanij karana then Vishti karana from h. 19-04 to next day. Moon in Mithuna.

12 Sravan, Monday, 3 August, 27 Muharram

Sunrise h. 5-31, Set h. 18-41 (Delhi Rise h. 5-43, Set h. 19-11) Midday h. 12-06-09s. ; Moonset h. 17-36, Moonrise h. 29-06

Tithi : (Asadha Krishna) Chaturdasi h. 19-49, Punarvasu nakshatra h. 16-17, Vajra yoga h. 15-35, Vishti karana upto h. 7-27. Moon enters Karkata h. 9-57. Sun enters Aslesa nakshatra h 6-20.

13 Sravan, Tuesday, 4 August, 28 Muharram

Sunrise h. 5-31, Set h. 18-40 (Delhi Rise h. 5-44, Set h. 19-10) Midday h. 12-06-05s. ; Moonset h. 18-21,

Tithi : (Asadha Krishna) Amavasya h. 20-04, Pusya nakshatra h. 17-16, Siddhi (Asrik) yoga h. 14-51, Chatuspada karana. Moon in Karkata,

Chitau Amavasya (Orissa), **Adi Amavasya** (Madras), **Karkataka Vavu** (Kerala).

14 Sravan, Wednesday, 5 August, 29 Muharram

Sunrise h. 5-32, Set h. 18-40 (Delhi Rise h. 5-44, Set h. 19-10) Midday h. 12-06-00s. ; Moonrise h. 6-00, Moonset h. 19-05

Tithi : (Sravana Sukla) Pratipad h. 19-51, Aslesa nakshatra h. 17-48, Vyatipata yoga h. 13-46, Kintughna karana. Moon enters Simha h. 17-48.

15 Sravan, Thursday, 6 August, 30 Muharram

Sunrise h. 5-32, Set h. 18-39 (Delhi Rise h. 5-45, Set h. 19-09) Midday h. 12-05-54s. ; Moonrise h. 6-57, Moonset h. 19-47

Tithi : (Sravana Sukla) Dvitiya h. 19-14, Magha nakshatra h. 17-56, Variyan yoga h. 12-20, Balava karana. Moon in Simha.

16 Sravan, Friday, 7 August, 1 Safar

Sunrise h. 5-33. Set h. 18-39 (Delhi Rise h. 5-46, Set h. 19-08)
Midday h. 12-05-47s. ; Moonrise h. 7-53, Moonset h. 20-29

Tithi : (Sravana Sukla) Tritiya h. 18-16, P. Phalguni nakshatra h. 17-44, Parigha yoga h. 10-37, Taitila karana. Moon enters Kanya h. 23-37.

Adi Puram (Madras).

17 Sravan, Saturday, 8 August, 2 Safar

Sunrise h. 5-33, Set h. 18-38 (Delhi Rise h. 5-46, Set h. 19-07)
Midday h. 12-05-40s. ; Moonrise h. 8-51, Moonset h. 21-11

Tithi : (Sravana Sukla) Chaturthi h. 17-01, U. Phalguna nakshatra h. 17-13, Siva yoga h. 8-39, Vanij karana then Vishti karana from h. 5-38 to h. 17-01. Moon in Kanya.

18 Sravan, Sunday, 9 August, 3 Safar

Sunrise h. 5-34, Set h. 18-37 (Delhi Rise h. 5-47, Set h. 19-06)
Midday h. 12-05-33s. ; Moonrise h. 9-49, Moonset h. 21-54

Tithi : (Sravana Sukla) Panchami h. 15-29, Hasta nakshatra h. 16-26, Siddha yoga h. 6-27, then Sadhya yoga h. 28-03. Balava karana. Moon enters Tula h. 27-57.

Naga Panchami.

19 Sravan, Monday, 10 August, 4 Safar

Sunrise h. 5-34, Set h. 18-37 (Delhi Rise h. 5-47, Set h. 19-06)
Midday h. 12-05-25s. ; Moonrise h. 10-48, Moonset h. 22-39

Tithi : (Sravana Sukla) Sasthi h. 13-43, Chitra nakshatra h. 15-25, Subha yoga h. 25-27, Taitila karana. Moon in Tula.

20 Sravan, Tuesday, 11 August, 5 Safar

Sunrise h. 5-34. Set h 18-36 (Delhi Rise h. 5-48, Set h. 19-05) Midday h. 12-05-16s. ; Moonrise h. 11-49, Moonset h. 23-26

Tithi : (Sravana Sukla) Saptami h. 11-44, Svati nakshatra h. 14-12, Sukla (Sukra) yoga h. 22-42, Vaniji karana then Vishti karana from h. 11-44 to h. 22-38. Moon in Tula. Sayana Vaidhriti h. 12-14.

Sitala Saptami (Sukla paksha).

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21 Sravan, Wednesday, 12 August. 6 Safar

Sunrise h. 5-35, Set h. 18-35 (Delhi Rise h. 5-48, Set h. 19-04) Midday h. 12-05-07s. ; Moonrise h. 12-50, Moonset h. 24-17

Tithi : (Sravana Sukla) Astami h. 9-33, Visakha nakshatra h. 12-47, Brahma yoga h. 19-48, Bava karana. Moon enters Vriscika h. 7-09.

Mercury rises in the East h. 18-06.

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22 Sravan, Thursday, 13 August, 7 Safar

Sunrise h. 5-35, Set h. 18-34 (Delhi Rise h. 5-49, Set h.19-03) Midday h. 12-04-57s. ; Moonrise h. 13-51, Moonset h. 25-12

Tithi : (Sravana Sukla) Navami h. 7-13 then Dasami h. 28-48, Anuradha nakshatra h. 11-13, Indra yoga h. 16-48, Kaulava karana. Moon in Vriscika.

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23 Sravan, Friday, 14 August, 8 Safar

Sunrise h. 5-36, Set h. 18-34 (Delhi Rise h. 5-49, Set h.19-02) Midday h. 12-04-46s. ; Moonrise h. 14-50, Moonset h. 26-10

Tithi : (Sravana Sukla) Ekadasi h.26-21, Jyestha nakshatra h. 9-34, Vaidhriti yoga h. 13-45, Vanij karana then Vishti karana from h. 15-35 to h. 26-21. Moon enters Dhanu h.9-34.

Jhulanayatrarambha, Putrada Ekadasi.

24 Sravan, Saturday, 15 August, 9 Safar

Sunrise h. 5-36. Set h. 18-33 (Delhi Rise h. 5-50, Set h.19-01)
Midday h. 12-04-35s. ; Moonrise h. 15-47, Moonset h. 27-10

Tithi : (Sravana Sukla) Dvadasi h. 23-58, Mula nakshatra h. 7-55, Viskumbha yoga h. 10-42, Bava karana. Moon in Dhanu.

Independence Day.

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25 Sravan, Sunday, 16 August 10 Safar

Sunrise h. 5-36, Set h. 18-32 (Delhi Rise h. 5-51, Set h 19-00)
Midday h. 12-04-23s. ; Moonrise h. 16-41, Moonset h. 28-10

Tithi : (Sravana Sukla) Trayodasi h. 21-46, P. Asadha nakshatra h. 6-22, then U. Asadha nakshatra h. 29-00, Priti yoga h. 7-44 then Ayusman yoga h. 28-56, Kaulava karana. Moon enters Makara h. 12-00. Sun enters Magha nakshatra h. 27-59.

Saura Bhadrapadadi h. 26-53.

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26 Sravan, Monday, 17 August, 11 Safar

Sunrise h. 5-37, Set h. 18-31 (Delhi Rise h. 5-51, Set h. 18-59)
Midday h. 12-04-11s. ; Moonrise h. 17-31, Moonset h. 29-10

Tithi : (Sravana Sukla) Chaturdasi h. 19-51, Sravana nakshatra h. 27-59, Saubhagya yoga h. 26-25. Gara karana, Vanij karana then Vishti karana from h. 19-51 to next day. Moon in Makara.

Jupiter enters Vriscika h. 16-31

Rik Upakarma (S. India), **Manasa Puja** (samapana).

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27 Sravan, Tuesday, 18 August, 12 Safar

Sunrise h. 5-37, Set h. 18-31 (Delhi Rise h. 5-52, Set h. 18-58)
Midday h. 12-03-58s. ; Moonrise h. 18-17

Tithi : (Sravana Sukla) Purnima h. 18-20, Dhanistha nakshatra h. 27-25, Sobhana yoga h. 24-16, Vishti karana upto h. 7-06. Moon enters Kumbha h. 15-38.

Rakhi Purnima, Yaju Upakarma, Avani Avittam (S. India), **Balabhadra Puja** (Orissa), **Jhulanayatrasamapana, Cocoanut Day, Solono.**

28 Sravan, Wednesday 19 August, 13 Safar

Sunrise h. 5-37, Set h. 18-30 (Delhi Rise h. 5-52, Set h. 18-57) Midday h. 12-03-45s. ; Moonset h. 6-09, Moonrise h. 19-01

Tithi : (Sravana Krishna) Pratipad h. 17-22, Satabhisaj nakshatra h. 27-24, Atiganda yoga h. 22-33, Balava karana. Moon in Kumbha.

29 Sravan, Thursday, 20 August, 14 Safar

Sunrise h. 5-38, Set h. 18-29 (Delhi Rise h. 5-53, Set h. 18-56) Midday h. 12-03-31s. ; Moonset h. 7-05, Moonrise h. 19-41

Tithi : (Sravana Krishna) Dvitiya h.17-00, P.Bhadrapada nakshatra h. 28-01, Sukarma yoga h. 21-21, Gara karana, Vanij karana then Vishti karana from h. 29-09 to next day. Moon enters Mina h. 21-48.

30 Sravan, Friday, 21 August, 15 Safar

Sunrise h. 5-38, Set h. 18-28 (Delhi Rise h. 5-53, Set h. 18-55) Midday h. 12-03-17s. ; Moonset h. 7-59, Moonrise h. 20-20

Tithi : (Sravana Krishna) Tritiya h. 17-18, U. Bhadrapada nakshatra h. 29-18, Dhriti yoga h. 20-40, Vishti karana upto h. 17-18. Moon in Mina.

Venus sets in the West h. 22-06

31 Sravan, Saturday, 22 August. 16 Safar

Sunrise h. 5-39. Set h. 18-27 (Delhi Rise h. 5-54, Set h. 18-54) Midday h. 12-03-03s. ; Moonset h. 8-52, Moonrise h. 20-58

Tithi : (Sravana Krishna) Chaturthi h. 18-17, Revati nakshatra Ahoratra, Sula yoga h. 20-31, Bava karana. Moon in Mina.

Raksha Panchami (Orissa).

Month of BHADRA....31 Days

Vedic month : Isha (Kanya)

Sarat Ritu—1st month

Dakshinayana : Uttara Gola

Ayanamsa on 1st Bhadra = 23^0 *17′ 38″*

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1 Bhadra, Sunday, 23 August, 17 Safar

Sunrise h. 5-39, Set h. 18-26 (Delhi Rise h. 5-54, Set h. 18-53) Midday h. 12-02-47s. ; Moonset h. 9-44, Moorise h. 21-37

Tithi : (Sravana Krishna) Panchami h. 19-53, Revati nakshatra h. 7-13, Ganda yoga h. 20-49, Kaulava karana. Moon enters Mesha h. 7-13. Sun enters Trop. Virgo h. 27-14 Sayana Vyatipata h. 20-58.

Tithi of Sri Madhava Deva (Assam).

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2 Bhadra, Monday, 24 August, 18 Safar

Sunrise h. 5-39, Set h. 18-26 (Delhi Rise h. 5-55, Set h. 18-52) Midday h. 12-02-32s. ; Moonset h. 10-35, Moonrise h. 22-15

Tithi : (Sravana Krishna) Sasthi h. 21-58, Asvini nakshatra h. 9-40, Vriddhi yoga h. 21-30, Gara karana, Vanij karana then Vishti karana from h. 21-58 to next day. Moon in Mesha.

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3 Bhadra, Tuesday, 25 August, 19 Safar

Sunrise h. 5-40, Set h. 18-25 (Delhi Rise h. 5-55, Set h. 18-51) Midday h. 12-02-16s. ; Moonset h. 11-26, Moonrise h. 22-56

Tithi : (Sravana Krishna) Saptami h. 24-20, Bharani nakshatra h. 12-30, Dhruva yoga h. 22-23, Vishti karana upto h. 11-09. Moon enters Vrisha h. 19-14.

Sitala Saptami.

4 Bhadra, Wednesday, 26 August, 20 Safar

Sunrise h. 5-40, Set h. 18-24 (Delhi Rise h. 5·56, Set h. 18-50) Midday h. 12-02-00s. ; Moonset h. 12-15, Moonrise h. 23-39

Tithi : (Sravana Krishna) Astami h. 26-45, Kritttika nakshatra h. 15-28, Vyaghata yoga h. 23-20, Balava karana. Moon in Vrisha.

Janmastami, Durvastami, Chelhum.

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5 Bhadra, Thursday, 27 August, 21 Safar

Sunrise h. 5-40, Set h. 18-23 (Delhi Rise h.5-56, Set h.18-49) Midday h. 12-01-43s. ; Moonset h. 13-05, Moonrise h. 24-24

Tithi : (Sravana Krishna) Navami h. 29-00, Rohini nakshatra h. 18-22, Harshana yoga h. 24-10, Taitila karana. Moon in Vrisha.

Sri Jayanti (Ramanuja sampradaya), **Gokulastami.**

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6 Bhadra, Friday, 28 August, 22 Safar

Sunrise h. 5-41, Set h.18-22 (Delhi Rise h. 5-57, Set h. 18-48) Midday h. 12-01-26s. ; Moonset h. 13-54, Moonrise h. 25-12

Tithi : (Sravana Krishna) Dasami Ahoratra, Mrigasiras nakshatra h. 20-59, Vajra yoga h. 24-44, Vanij karana then Vishti Karana from h. 17-56 to next day. Moon enters Mithuna h. 7-43.

Mars sets in the West h. 25-06

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7 Bhadra, Saturday, 29 August, 23 Safar

Sunrise h. 5-41, Set h. 18-21 (Delhi Rise h. 5-57, Set h. 18-47) Midday h. 12-01-08s. ; Moonset h. 14-42, Moonrise h 26-02

Tithi : (Sravana Krishna) Dasami h. 6-52, Ardra nakshatra h. 23-07, Siddhi (Asrik) yoga h. 24-55, Vishti karana up to h. 6-52. Moon in Mithuna.

8 Bhadra, Sunday, 30 August, 24 Safar

Sunrise h. 5-41, Set h. 18-20 (Delhi Rise h. 5-58, Set h. 18-46)
Midday h. 12-00 50s. ; Moonset h. 15-29, Moonrise h. 26-55

Tithi : (Sravana Krishna) Ekadasi h. 8-12, Punarvasu nakshatra h. 24-41, Vyatipata yoga h. 24-38, Balava karana. Moon enters Karkata h. 18-21. Sun enters P. Phalguni nakshatra h. 23-59.

Aja Ekadasi.

9 Bhadra, Monday, 31 August, 25 Safar

Sunrise h. 5-42, Set h. 18-19 (Delhi Rise h. 5-58, Set h. 18-45)
Midday h. 12-00-32s. ; Moonset h. 16-15, Moonrise h. 27-49

Tithi : (Sravana Krishna) Dvadasi h. 8-54, Pusya nakshatra h. 25-38, Variyan yoga h. 23-51, Taitila karana. Moon in Karkata.

Paryushana Parva (Jain).

10 Bhadra, Tuesday, 1 September, 26 Safar

Sunrise h. 5-42, Set h. 18-18 (Delhi Rise h. 5-59, Set h.18 44)
Midday h. 12-00-14s. ; Moonset h. 16-59, Moonrise h. 28-46

Tithi : (Sravana Krishna) Trayodasi h. 8-59, Aslesa nakshatra h. 25-59, Parigha yoga h. 22-35, Vanij karana then Vishti karana from h. 8-59 to h. 20-44. Moon enters Simha h. 25-59.

Jain Festival, Aghora Chaturdasi,
Kailasa Yatra—2 days (Jammu and Kashmir).

11 Bhadra, Wednesday, 2 September, 27 Safar

Sunrise h. 5-42, Set h. 18-17 (Delhi Rise h. 5-59, Set h. 18-42)
Midday h. 11-59-55s. ; Moonset h. 17-42

Tithi : (Sravana Krishna) Chaturdasi h. 8-28, Magha nakshatra h. 25-47, Siva yoga h. 20-52, Sakuni karana. Moon in Simha.

Kusotpatini or **Pithori Amavasya,**
Saptapuri Amavasya, Akheri Chahar Sumba.

12 Bhadra, Thursday, 3 September, 28 Safar

Sunrise h. 5-43, Set h. 18-16 (Delhi Rise h. 6-00, Set h. 18-41) Midday h. 11-59-36s. ; Moonrise h. 5-43, Moonset h. 18-25

Tithi : (Sravana Krishna) Amavasya h. 7-52, P. Phalguni nakshatra h. 25-07, Siddha yoga h. 18-45, Naga karana. Moon in Simha.

Keil Muhurth (Kerala), **Jain Festival.**

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13 Bhadra, Friday, 4 September, 29 Safar

Sunrise h. 5-43, Set h. 18-15 (Delhi Rise h. 6-00, Set h. 18-40) Midday h. 11-59-17s. ; Moonrise h. 6-41, Moonset h. 19-08

Tithi : (Bhadra Sukla) Pratipada h. 5-56, then Dvitiya h. 28-05, U. Phalguni nakshatra h. 24-05, Sadhya yoga h. 16-19, Bava karana. Moon enters Kanya h. 6-53.

Mercury sets in the East h. 29-30.

Tithi of Sri Sankara Deva (Assam).

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14 Bhadra, Saturday, 5 September, 1 Rabi-al-awwal

Sunrise h. 5-43, Set h. 18-14 (Delhi Rise h. 6-01, Set h. 18-39) Midday h. 11-58-57s. ; Moonrise h. 7-41, Moonset h. 19-51

Tithi : (Bhadra Sukla) Tritiya h. 26-00, Hasta nakshatra h. 22-47, Subha yoga h. 13-38, Taitila karana. Moon in Kanya. Sayana Vaidhriti h. 24-21.

Venus rises in the East h. 11-06.

Haritalika Gauri Tritiya.

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15 Bhadra, Sunday, 6 September, 2 Rabi-al awwal

Sunrise h. 5-44, Set h. 18-13 (Delhi Rise h. 6-01, Set h. 18-38) Midday h. 11-58-37s. ; Moonrise h. 8-41, Moonset h. 20-37

Tithi : (Bhadra Sukla) Chaturthi h. 23-44, Chitra nakshatra h. 21-19, Sukla (Sukra) yoga h. 10-47, Vanij karana then Vishti karana from h. 12-52 to h. 23-44. Moon enters Tula h. 10-04.

Ganesha or **Vinayaka Chaturthi, Haritali Chaturthi.**

16 Bhadra, Monday, 7 September, 3 Rabi-al awwal

Sunrise h. 5-44, Set h. 18-12 (Delhi Rise h. 6-02, Set h. 18-37)
Midday h. 11-58-17s. ; Moonrise h. 9-43, Moonset h. 21-24

Tithi : (Bhadra Sukla) Panchami h. 21-24, Svati nakshatra h. 19-45, Brahma yoga h. 7-49 then Indra yoga h. 28-48, Bava karana. Moon in Tula.

Paryushana Parva Samapana (Jain),
Mela Pat—3 days (Jammu and Kashmir).

17 Bhadra, Tuesday, 8 September, 4 Rabi-al awwal

Sunrise h. 5-44, Set h. 18-11 (Delhi Rise h. 6-02, Set h. 18-35)
Midday h. 11-57-57s. ; Moonrise h. 10-44, Moonset h. 22-15

Tithi : (Bhadra Sukla) Sasthi h. 19-03, Visakha nakshatra h. 18-10, Vaidhriti yoga h. 25-48, Kaulava karana. Moon enters Vriscika h. 12-33.

Surya Sashti.

18 Bhadra, Wednesday, 9 September, 5 Rabi-al-awwal

Sunrise h. 5-44, Set h. 18-10 (Delhi Rise h. 6-03, Set h. 18-34)
Midday h. 11-57-36s. ; Moonrise h. 11-45, Moonset h. 23-08

Tithi : (Bhadra Sukla) Saptami h. 16-44, Anuradha nakshatra h. 16-37, Viskumbha yoga h. 22-50, Gara karana, Vanij karana then Vishti karana from h. 16-44 to h. 27-38. Moon in Vriscika.

Mukta (Amukta) Varana Vrata or **Lalita Saptami.**

19 Bhadra, Thursday, 10 September, 6 Rabi-al-awwal

Sunrise h. 5-45, Set h. 18-09 (Delhi Rise h. 6-03, Set h. 18-33)
Midday h. 11-57-16s. ; Moonrise h. 12-45, Moonset h. 24-05

Tithi : (Bhadra Sukla) Astami h. 14-31, Jyestha nakshatra h. 15-11, Priti yoga h. 19-59, Bava karana. Moon enters Dhanu h. 15-11.

Radhastami, Durvastami (Bengal).

20 Bhadra, Friday, 11 September, 7 Rabi-al-awwal

Sunrise h. 5-45, Set h. 18-08 (Delhi Rise h. 6-04, Set h. 18-32) Midday h. 11-56-55s. ; Moonrise h. 13-42, Moonset h. 25-03

Tithi : (Bhadra Sukla) Navami h. 12-28, Mula nakshatra h. 13-53, Ayusman yoga h. 17-15, Kaulava Karana Moon in Dhanu.

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21 Bhadra, Saturday, 12 September, 8 Rabi-al awwal

Sunrise h. 5-45, Set h. 18-07 (Delhi Rise h. 6-04, Set h. 18-31) Midday h. 11-56-34s. ; Moonrise h. 14-36, Moonset h. 26-01

Tithi : (Bhadra Sukla Dasami h. 10-37, P. Asadha nakshatra h. 12-48, Saubhagya yoga h. 14-42, Gara karana, Vanij karana then Vishti karana from h. 21-49. to next day. Moon enters Makara h. 18-34.

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22 Bhadra, Sunday, 13 September, 9 Rabi-al-awwal

Sunrise h. 5-46, Set h. 18-06 (Delhi Rise h. 6-05, Set h. 18-30) Midday h. 11-56-13s. ; Moonrise h. 15-26, Moonset h. 27-00

Tithi : (Bhadra Sukla) Ekadasi h. 9-01, U. Asadha nakshatra h. 11-58, Sobhana yoga 12-21, Vishti karana upto h. 9-01. Moon in Makara. Sun enters U. Phalguni nakshatra h. 17-47.

Parsvaparivartani or **Padma Ekadasi,**
Sravana Dvadasi, Dol Gyaras (Madhya Pradesh),
Vamana Jayanti, Heikra Hitomba (Manipur),
First Onam day, Sakrotthana.

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23 Bhadra, Monday, 14 September, 10 Rabi-al-awwal

Sunrise h. 5-46, Set h. 18-05 (Delhi Rise h. 6-05, Set h. 18-28) Midday h. 11-55-52s. ; Moonrise h. 16-12, Moonset h. 27-57

Tithi : (Bhadra Sukla) Dvadasi h. 7-44, Sravana nakshatra h. 11-28, Atiganda yoga h. 10-16, Balava karana. Moon enters Kumbha h. 23-21.

Thiru Onum Day (Kerala).

24 Bhadra, Tuesday, 15 September, 11 Rabi-al-awwal

Sunrise h. 5-46, Set h. 18 04 (Delhi Rise h. 6-06, Set h 18-27)
Midday h. 11-55-30s. ; Moonrise h. 16-55, Moonset h. 28-54

Tithi : (Bhadra Sukla) Trayodasi h. 6-50, Dhanistha nakshatra h. 11-20, Sukarma yoga h. 8-30, Taitila karana. Moon in Kumbha.

Ananta Chaturdasi, Third Onam Day.

25 Bhadra, Wednesday, 16 September, 12 Rabi-al-awwal

Sunrise h. 5-47, Set h. 18-03 (Delhi Rise h. 6-06, Set h. 18-26)
Midday h. 11-55-09s. ; Moonrise h. 17-36

Tithi : (Bhadra Sukla) Chaturdasi h. 6-21, Satabhisaj nakshatra h. 11-38, Dhriti yoga h. 7-04, Vanij karana then Vishti karana from h. 6-21 to h. 18-21. Moon in Kumbha.

Saura Asvinadi h. 26-49.

Sri Narayana Gurudeva's Birthday (Madras),
Indra Purnima (Orissa), **Fourth Onam Day,**
Fateha Dwaz Daham (Id-e-Milad or **Miladun-Nabi).**

26 Bhadra, Thursday, 17 September, 13 Rabi-al-awwal

Sunrise h. 5-47, Set h. 18-02 (Delhi Rise h. 6-07, Set h. 18-25)
Midday h. 11-54-47s. ; Moonset h. 5-48, Moonrise h. 18-16

Tithi : (Bhadra Sukla) Purnima h. 6-21, P. Bhadrapada nakshatra h. 12-25, Sula yoga h. 6-01 then Ganda yoga h. 29-22, Bava karana. Moon enters Mina h. 6-10. Sayana Vyatipata h. 29-31.

Visvakarma Puja.

27 Bhadra, Friday, 18 September, 14 Rabi-al-awwal

Sunrise h. 5-47, Set h. 18-01 (Delhi Rise h. 6-07, Set h. 18-23)
Midday h. 11-54-26s. ; Moonset h. 6-42, Moonrise h. 18-54

Tithi : (Bhadra Krishna) Pratipad h. 6-53, U. Bhadrapada nakshatra h. 13-43, Vriddi yoga h. 29-09, Kaulava karana. Moon in Mina.

28 Bhadra, Saturday, 19 September, 15 Rabi-al-awwal

Sunrise h. 5-48, Set h. 18-00 (Delhi Rise h. 6-08, Set h. 18-22) Midday h. 11-54-05s. ; Moonset h. 7-34, Moonrise h. 19-33

Tithi : (Bhadra Krishna) Dvitiya h. 7-58, Revati nakshatra h. 15-32, Dhruva yoga h. 29-19, Gara karana, Vanij karana then Vishti karana from h. 20-45, to next day. Moon enters Mesha h. 15-32.

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29 Bhadra, Sunday, 20 September, 16 Rabi-al-awwal

Sunrise h. 5-48, Set h. 17-59 (Delhi Rise h. 6-08, Set h. 18-21) Midday h. 11-53-43s. ; Moonset h. 8-26, Moonrise h. 20-12

Tithi : (Bhadra Krishna) Tritiya h. 9-33, Asvini nakshatra h. 17-50, Vyaghata yoga Ahoratra, Vishti karana upto h. 9-33. Moon in Mesha.

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30 Bhadra, Monday, 21 September, 17 Rabi-al-awwal

Sunrise h. 5-48, Set h. 17-58 (Delhi Rise h. 6-09, Set h. 18-20) Midday h. 11-53-22s. ; Moonset h. 9-17, Moonrise h. 20-52

Tithi : (Bhadra Krishna) Chaturthi h. 11-34, Bharani nakshatra h. 20-30, Vyaghata yoga h. 5-50, Balava karana. Moon enters Vrisha h. 27-13.

Samadhi Day of Narayana Guru (Andhra).

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31 Bhadra, Tuesday, 22 September, 18 Rabi-al-awwal

Sunrise h. 5-49, Set h. 17-57 (Delhi Rise h. 6-09, Set h. 18-19) Midday h. 11-53-01s. ; Moonset h. 10-07, Moonrise h. 21-34

Tithi : (Bhadra Krishna) Panchami h. 13-54, Krittika nakshatra h. 23-26, Harshana yoga h. 6-36, Taitila karana. Moon in Vrisha.

Chandra Sasthi.

Month of ASVIN....30 Days

Vedic month : Urja (Tula)
Sarat Ritu—2nd month
Dakshinayana : Dakshina Gola

Ayanamsa on 1st Asvin = 23° 17′ 41″

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1 Asvin, Wednesday, 23 September, 19 Rabi-al-awwal

Sunrise h. 5-49, Set h. 17-56 (Delhi Rise h. 6-10, Set h. 18-18)
Midday h. 11-52-40s. ; Moonset h. 10-57, Moonrise h. 22-18

Tithi : (Bhadra Krishna) Sasthi h. 16-22, Rohini nakshatra h. 26-25, Vajra yoga h. 7-31, Vanij karana then Vishti karana from h. 16-22 to h. 29-34. Moon in Vrisha. Sun enters Trop. Libra h. 24-39.

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2 Asvin, Thursday, 24 September, 20 Rabi-al-awwal

Sunrise h. 5-49, Set h. 17-55 (Delhi Rise h. 6-10, Set h. 18-16)
Midday h. 11-52-19s. ; Moonset h. 11-46, Moonrise h. 23-04

Tithi : (Bhadra Krishna) Saptami h. 18-46, Mrigasiras nakshatra h. 29-14, Siddhi (Asrik) yoga h. 8-25, Bava karana. Moon enters Mithuna h. 15-51.

Jalavisuva Day.

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3 Asvin, Friday, 25 September, 21 Rabi-al-awwal

Sunrise h. 5-49, Set h. 17-54 (Delhi Rise h. 6-11, Set h. 18-15)
Midday h. 11-51-58s. ; Moonset h. 12-34, Moonrise h. 23-53

Tithi : (Bhadra Krishna) Astami h. 20-52, Ardra nakshatra Ahoratra, Vyatipata yoga h. 9-10, Balava karana. Moon in Mithuna.

4 Asvin, Saturday, 26 September, 22 Rabi-al-awwal

Sunrise h. 5-50, Set h. 17-53 (Delhi Rise h. 6-11, Set h. 18-14) Midday h. 11-51-37s. ; Moonset h. 13-20, Moonrise h. 24-44

Tithi : (Bhadra Krishna) Navami h. 22-29, Ardra nakshatra h. 7-43, Variyan yoga h. 9-37, Taitila karana. Moon enters Karkata h. 27-13.

5 Asvin, Sunday, 27 September, 23 Rabi-al-awwal

Sunrise h. 5-50, Set b. 17-52 (Delhi Rise h. 6-12, Set h. 18-13) Midday h. 11-51-17s. ; Moonset h. 14-06, Moonrise h. 25-37

Tithi : (Bhadra Krishna) Dasami h. 23-28, Punarvasu nakshatra h. 9-39, Parigha yoga h. 9-37, Vanij karana then Vishti karana from h. 10-58. to h. 23-28. Moon in Karkata. Sun enters Hasta nakshatra h. 9-20.

6 Asvin, Monday, 28 September, 24 Rabi-al-awwal

Sunrise h. 5-50, Set h. 17-51 (Delhi Rise h. 6-12, Set h. 18-11) Midday h. 11-50-56s. ; Moonset h. 14-53, Moonrise h. 26-31

Tithi : (Bhadra Krishna) Ekadasi h. 23-44, Pusya nakshatra h. 10-55, Siva yoga h. 9-06, Bava karana. Moon in Karkata.

Indira Ekadasi.

7 Asvin, Tuesday, 29 September, 25 Rabi-al-awwal

Sunrise h. 5-51, Set h. 17-50 (Delhi Rise h. 6-13, Set h. 18-10) Midday h. 11-50-36s. ; Moonset h. 15-34, Moonrise h. 27-28

Tithi : (Bhadra Krishna) Dvadasi h. 23-15, Aslesa nakshatra h. 11-29, Siddha yoga h. 8-01, Kaulava karana. Moon enters Simha h. 11-29.

8 Asvin, Wednesday, 30 September, 26 Rabi-al-awwal

Sunrise h. 5-51, Set h. 17-49 (Delhi Rise h. 6-13, Set h. 18-09) Midday h. 11-50-16s. ; Moonset h. 16-17, Moonrise h. 28-26

Tithi : (Bhadra Krishna) Trayodasi h. 22-05, Magha nakshatra h. 11-20, Sadhya yoga h. 6-21 then Subha yoga h. 28-08. Gara karana, Vanij karana then Vishti karana from h. 22-05 to next day. Moon in Simha.

9 Asvin, Thursday, 1 October, 27 Rabi-al-awwal

Sunrise h. 5-51, Set h. 17-48 (Delhi Rise h. 6-14, Set h. 18-08)
Midday h. 11-49-57s. ; Moonset h. 17-00, Moonrise h. 29-26

Tithi : (Bhadra Krishna) Chaturdasi h. 20-18, P. Phalguni nakshatra h. 10-32, Sukla (Sukra) yoga h. 25-27, Vishti karana upto h. 9-12. Moon enters Kanya h. 16-15. Sayana Vaidhriti h. 14-58.

10 Asvin, Friday, 2 October, 28 Rabi-al-awwal

Sunrise h. 5-52, Set h. 17-47 (Delhi Rise h. 6-14, Set h. 18-07)
Midday h. 11-49-38s. ; Moonset h. 17-44

Tithi : (Bhadra Krishna) Amavasya h. 18-01, U. Phalguni nakshatra h. 9-11, Brahma yoga h. 22-22, Chatuspada karana. Moon in Kanya.

Mahalaya Amavasya, Sarvapitri Amavasya, Tarpana Labya (Manipur), Mahatma Gandhi's Birthday.

Total Solar Eclipse on Asvin 10, 1881 Saka
October 2, 1959, Friday.

Visible as a partial eclipse before sunset in the north western part of India.

(Ending not visible in India)

The beginning times of the eclipse together with the timings of sunset for three places in India are given below :-

Place	*Eclipse begins* (*I. S. T.*)			*Sunset* (*Upper limb*) (*I. S. T.*)		
	h	m	s	h	m	s
Bhuj	18	24	42	18	38	00
Jaislmer	18	22	54	18	32	30
Rajkot	18	25	18	18	34	18

11 Asvin, Saturday, 3 October, 29 Rabi-al-awwal

Sunrise h. 5-52, Set h. 17-46 (Delhi Rise h. 6-15, Set h. 18-06) Midday h. 11-49-19s. ; Moonrise h. 6-27, Moonset h. 18-30

Tithi : (Asvina Sukla) Pratipad h. 15-21, Hasta nakshatra h. 7-24 then Chitra nakshatra h. 29-20, Indra yoga h. 19-01, Bava karana. Moon enters Tula h. 18-24.

Saradiya Navaratrarambha.

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12 Asvin, Sunday, 4 October, 1 Rabi-us-sani

Sunrise h. 5-52, Set h. 17-45 (Delhi Rise h. 6-15, Set h. 18-04) Midday h. 11-49-00s. ; Moonrise h. 7-30, Moonset h. 19-18

Tithi : (Asvina Sukla) Dvitiya h. 12-26, Svati nakshatra h. 27-07, Vaidhriti yoga h. 15-28, Kaulava karana. Moon in Tula.

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13 Asvin, Monday, 5 October, 2 Rabi-us-sani

Sunrise h. 5-53, Set h. 17-44 (Delhi Rise h. 6-16, Set h. 18-03) Midday h. 11-48-42s. ; Moonrise h. 8-33, Moonset h. 20-09

Tithi : (Asvina Sukla) Tritiya h. 9-26, Visakha nakshatra h. 24-53, Viskumbha yoga h. 11-52, Gara karana, Vanij karana then Vishti karana from h. 19-56 to next day. Moon enters Vriscika h. 19-26.

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14 Asvin, Tuesday, 6 October, 3 Rabi-us-sani

Sunrise h. 5-53, Set h. 17-43 (Delhi Rise h. 6-17, Set h. 18-02) Midday h. 11-48-24s. ; Moonrise h. 9-36, Moonset h. 21-03

Tithi : (Asvina Sukla) Chaturthi h. 6-27 then Panchami h. 27-37, Anuradha nakshatra h. 22-46, Priti yoga h. 8-17, then Ayusman yoga h. 28-51, Vishti karana upto h. 6-27. Moon in Vriscika.

Upangalalita Vrata (Lalita Panchami).

15 Asvin, Wednesday, 7 October, 4 Rabi us-sani

Sunrise h. 5-54, Set h. 17-42 (Delhi Rise h. 6-17, Set h. 18-01)
Midday h. 11-48-06s. ; Moonrise h. 10-38, Moonset h. 21-59

Tithi : (Asvina Sukla) Sasthi h. 25-03, Jyestha nakshatra h. 20-54, Saubhagya yoga h. 25-37, Kaulava karana, Moon enters Dhanu h. 20-54.

16 Asvin, Thursday, 8 October, 5 Rabi-us-sani

Sunrise h. 5-54, Set h. 17-41 (Delhi Rise h. 6-18, Set h. 18-00)
Midday h. 11-47-49s. ; Moonrise h. 11-37, Moonset h. 22-58

Tithi : (Asvina Sukla) Saptami h. 22-50, Mula nakshatra h. 19-21, Sobhana yoga h. 22-41, Gara karana, Vanij karana then Vishti karana from h. 22-50 to next day. Moon in Dhanu.

Durga Puja (Saptami), Oli Beginning (Jain).

17 Asvin, Friday. 9 October, 6 Rabi-us-sani

Sunrise h. 5-54, Set h. 17-40 (Delhi Rise h. 6-18, Set h. 17-59)
Midday h. 11-47-32s. ; Moonrise h. 12-32, Moonset h. 23-56

Tithi : (Asvina Sukla) Astami h. 21-01, P. Asadha nakshatra h. 18-12, Atiganda yoga h. 20-04. Vishti karana upto h. 9-56. Moon enters Makara h. 23-59.

Mahastami.

18 Asvin, Saturday, 10 October, 7 Rabi us-sani

Sunrise h. 5-55, Set h. 17-40 (Delhi Rise h. 6-19, Set h. 17-58)
Midday h. 11-47-16s. ; Moonrise h. 13-23, Moonset h. 24-55

Tithi : (Asvina Sukla) Navami h. 19-40, U. Asadha nakshatra h. 17-30, Sukarma yoga h. 17-49, Balava karana, Moon in Makara. Sun enters Chitra nakshatra h. 22-14.

Mahanavami, Durganavami.

19 Asvin, Sunday, 11 October, 8 Rabi-us-sani

Sunrise h. 5-55, Set h. 17-39 (Delhi Rise h. 6-19, Set h. 17-57)
Midday h. 11-47-00s. ; Moonrise h. 14-11, Moonset h. 25-52

Tithi : (Asvina Sukla) Dasami h. 18-48, Sravana nakshatra h. 17-17, Dhriti yoga h. 15-58, Taitila karana. Moon enters Kumbha h. 29-21.

Vijaya Dasami, Dasahara.

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20 Asvin, Monday, 12 October, 9 Rabi-us-sani

Sunrise h. 5-55, Set h. 17-38 (Delhi Rise h. 6-20, Set h. 17-56)
Midday h. 11-46-44s. ; Moonrise h. 14-54, Moonset h. 26-47

Tithi : (Asvina Sukla) Ekadasi h. 18-25, Dhanistha nakshatra h. 17-32, Sula yoga h. 14-29, Vanij karana then Vishti karana from h. 6-37 to h. 18-25. Moon in Kumbha.

Papankusa (Pasankusa) Ekadasi, Bharat Milap.

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21 Asvin, Tuesday, 13 October, 10 Rabi-us-sani

Sunrise h. 5-56, Set h. 17-37 (Delhi Rise h. 6-21, Set h. 17-54)
Midday h. 11-46-29s. ; Moonrise h. 15-35, Moonset h. 27-42

Tithi : (Asvina Sukla) Dvadasi h. 18-31, Satabhisaj nakshatra h. 18-14, Ganda yoga h. 13-23, Bava karana. Moon in Kumbha. Sayana Vyatipata h. 13-31.

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22 Asvin, Wednesday, 14 October, 11 Rabi-us-sani

Sunrise h. 5-56, Set h. 17-36 (Delhi Rise h. 6-21, Set h. 17-53)
Midday h. 11-46-14s. ; Moonrise h. 16-14, Moonset h. 28-35

Tithi : (Asvina Sukla) Trayodasi h. 19-04, P. Bhadrapada nakshatra h. 19-24, Vriddhi yoga h. 12-38, Kaulava karana. Moon enters Mina h. 13-04.

Mercury rises in the West h. 23-06.

Fateha Yazdaham (Giarhween Sharif).

23 Asvin, Thursday, 15 October, 12 Rabi-us-sani

Sunrise h. 5-57, Set h. 17-35 (Delhi Rise h. 6-22, Set 17-52)
Midday h. 11-46-00s. ; Moonrise h. 16-52, Moonset h. 29-27

Tithi : (Asvina Sukla) Chaturdasi h. 20-04, U. Bhadrapada nakshatra h. 20-59, Dhruva yoga h. 12-14, Gara karana, Vanij karana then Vishti karana from h. 20-04 to next day. Moon in Mina.

24 Asvin, Friday, 16 October, 13 Rabi-us-sani

Sunrise h. 5-57, Set h. 17-34 (Delhi Rise h. 6-22, Set h. 17-51)
Midday h. 11-45-47s. ; Moonrise h. 17-30

Tithi : (Asvina Sukla) Purnima h. 21-28, Revati nakshatra h. 22-58, Vyaghata yoga h. 12-09, Vishti karana upto h. 8-46. Moon enters Mesha h. 22-58.

Kojagari Lakshmi Puja, Kumara Purnima,
Maharsi Valmiki's Birthday (Sikh), **Oli Ends** (Jain).

25 Asvin, Saturday, 17 October, 14 Rabi-us-sani

Sunrise h. 5-58, Set h. 17-33 (Delhi Rise h. 6-23, Set h. 17-50)
Midday h. 11-45-34s. ; Moonset h. 6-19, Moonrise h. 18-09

Tithi : (Asvina Krishna) Pratipad h. 23-16, Asvini nakshatra h. 25-18, Harshana yoga h. 12-22, Balava karana. Moon in Mesha.

Saura Kartikadi h. 14-43.

Kaveri Sankramana.

26 Asvin, Sunday, 18 October, 15 Rabi-us sani

Sunrise h. 5-58, Set h. 17-32 (Delhi Rise h. 6-24, Set h. 17-49)
Midday h. 11-45-21s. ; Moonset h. 7-10, Moonrise h. 18-48

Tithi : (Asvina Krishna) Dvitiya h. 25-23, Bharani nakshatra h. 27-57, Vajra yoga h. 12-51. Taitila karana. Moon in Mesha.

27 Asvin, Monday, 19 October, 16 Rabi-us-sani

Sunrise h. 5-58, Set h. 17-32 (Delhi Rise h. 6-24, Set h. 17-48) Midday h. 11-45-10s. ; Moonset h. 8-01, Moonrise h. 19-30

Tithi : (Asvina Krishna) Tritiya h. 27-45, Krittika nakshatra Ahoratra, Siddhi (Asrik) yoga h. 13-33, Vanij karana then Vishti karana from h. 14-34 to h. 27-45. Moon enters Vrisha h. 10-39.

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28 Asvin, Tuesday, 20 October, 17 Rabi-us-sani

Sunrise h. 5-59, Set h. 17-31 (Delhi Rise h. 6-25, Set h. 17-47) Midday h. 11-44-58s. ; Moonset h. 8-50, Moonrise h. 20-13

Tithi : (Asvina Krishna) Chaturthi Ahoratra, Krittika nakshatra h. 6-49, Vyatipata yoga h. 14-24, Bava karana. Moon in Vrisha.

Karaka Chaturthi or **Dasarathi Chaturthi.**

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29 Asvin, Wednesday, 21 October, 18 Rabi-us-sani

Sunrise h. 5-59, Set h. 17-30 (Delhi Rise h. 6-25, Set h. 17-46) Midday h. 11-44-48s. ; Moonset h. 9-40, Moonrise h. 20-58

Tithi : (Asvina Krishna) Chaturthi h. 6-16, Rohini nakshatra h. 9-49, Variyan yoga h. 15-19,, Balava karana. Moon enters Mithuna h 23-19.

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30 Asvin, Thursday, 22 October, 19 Rabi-us-sani

Sunrise h. 6-00, Set h. 17-29 (Delhi Rise h. 6-26, Set h. 17-45) Midday h. 11-44-38s. ; Moonset h. 10-28, Moonrise h. 21-45

Tithi : (Asvina Krishna) Panchami h. 8-46, Mrigasiras nakshatra h. 12-48, Parigha yoga h. 16-11, Taitila karana. Moon in Mithuna.

Month of KARTIK....30 Days

Vedic month : Sahas (Vriscika)

Hemanta Ritu—1st Month

Dakshinayana : Dakshina Gola

Ayanamsa on 1st Kartik = 23° 17′ 43″

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1 Kartik, Friday, 23 October, 20 Rabi-us sani

Sunrise h. 6-00, Set h. 17-28 (Delhi Rise h. 6-27, Set h. 17-44) Midday h. 11-44-29s. ; Moonset h. 11-14, Moonrise h. 22-34

Tithi : (Asvina Krishna) Sasthi h. 11-06, Ardra nakshatra h. 15-34, Siva yoga h. 16-53, Vanij karana then Vishti karana from h. 11-06, to h. 24-05. Moon in Mithuna.

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2 Kartik, Saturday, 24 October, 21 Rabi-us-sani

Sunrise h. 6-01, Set h. 17-28 (Delhi Rise h. 6-27, Set h. 17-43) Midday h. 11-44-20s. ; Moonset h. 12-00, Moonrise h. 23-26

Tithi : (Asvina Krishna) Saptami h. 13-04, Punarvasu nakshatra h. 17-58, Siddha yoga h.17-16, Bava karana. Moon enters Karkata h. 11-25. Sun enters Trop. Scorpio h. 9-42. Sun enters Svati nakshatra h. 8-47.

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3 Kartik, Sunday, 25 October, 22 Rabi-us-sani

Sunrise h. 6-01, Set h. 17-27 (Delhi Rise h. 6-28, Set h. 17-42) Midday h. 11-44-13s. ; Moonset h. 12-43, Moonrise h. 24-18

Tithi : (Asvina Krishna) Astami h. 14-29, Pusya nakshatra h. 19-48, Sadhya yoga h. 17-13, Kaulava karana. Moon in Karkata.

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4 Kartik, Monday, 26 October, 23 Rabi-us-sani

Sunrise h. 6-02, Set 17-26 (Delhi Rise h. 6-29, Set h. 17-41) Midday h. 11-44-06s. ; Moonset h. 13-26, Moonrise h. 25-13

Tithi : (Asvina Krishna) Navami h. 15-13, Aslesa nakshatra h. 20-57, Subha yoga h. 16-38, Gara karana, Vanij karana then Vishti karana from h. 27-12 to next day. Moon enters Simha h. 20-57. Sayana Vaidhriti h. 28-14.

5 Kartik, Tuesday, 27 October, 24 Rabi-us-sani

Sunrise h. 6-02, Set h. 17-25 (Delhi Rise h. 6-29, Set h. 17-41)
Midday h. 11-43-59s. ; Moonset h. 14-08, Moonrise h. 26-09

Tithi : (Asvina Krishna) Dasami h. 15-10, Magha nakshatra h. 21-20, Sukla (Sukra) yoga h. 15-26, Vishti karana upto h. 15-10. Moon in Simha.

6 Kartik, Wednesday, 28 October, 25 Rabi us-sani

Sunrise h. 6-03, Set h. 17-25 (Delhi Rise h. 6-30, Set h 17-40)
Midday h. 11-43-54s. ; Moonset h. 14-50, Moonrise h. 27-07

Tithi : (Asvina Krishna) Ekadasi h. 14-18, P. Phalguni nakshatra h. 20-55, Brahma yoga h. 13-35, Balava karana. Moon enters Kanya h. 26-42.

Rama Ekadasi, Govatsa Dvadasi.

7 Kartik, Thursday, 29 October, 26 Rabi-us-sani

Sunrise h. 6-03, Set h. 17-24 (Delhi Rise h. 6-31, Set h. 17-39)
Midday h. 11-43-49s. ; Moonset h. 15-33, Moonrise h. 28-07

Tithi : (Asvina Krishna) Dvadasi h. 12-41, U. Phalguni nakshatra h. 19-46, Indra yoga h.11-08, Taitila karana, Moon in Kanya.

Dhana Trayodasi.

8 Kartik, Friday, 30 October, 27 Rabi-us-sani

Sunrise h. 6-04, Set h. 17-23 (Delhi Rise h. 6-31, Set h. 17-38)
Midday h. 11-43-45s. ; Moonset h. 16-18, Moonrise h. 29-09

Tithi : (Asvina Krishna) Trayodasi h. 10-22, Hasta nakshatra h. 17-59, Vaidhriti yoga h. 8-07, then Viskumbha yoga h. 28-38. Vanij karana then Vishti karana from h. 10-22 to h. 20-55. Moon enters Tula h. 28-53

Naraka Chaturdasi, Kali Chaturdasi.

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9 Kartik, Saturday, 31 October, 28 Rabi us-sani

Sunrise h. 6-04, Set h. 17-23 (Delhi Rise h. 6-32, Set h. 17-37)
Midday h. 11-43-42s. ; Moonset h. 17-05,

Tithi : (Asvina Krishna) Chaturdasi h. 7-27 then Amavasya h. 28-11, Chitra nakshatra h. 15-40, Priti yoga h. 24-47, Sakuni karana. Moon in Tula.

Dipavali, Kali Puja, Mahavira Nirvana (Jain),
Kedara Gauri Vrata.

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10 Kartik, Sunday, 1 November, 29 Rabi-us-sani

Sunrise h. 6-05, Set h. 17-22 (Delhi Rise h. 6-33, Set h. 17-37)
Midday h. 11-43-39s. ; Moonrise h. 6-14, Moonset h. 17-56

Tithi : (Kartika Sukla) Pratipad h. 24-38, Svati nakshatra h. 13-01, Ayusman yoga h. 20-43, Kintughna karana. Moon enters Vriscika h. 28-54

Govardhana Puja, Bali Puja.

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11 Kartik, Monday, 2 November, 30 Rabi-us-sani

Sunrise h. 6-05, Set h. 17-22 (Delhi Rise h. 6-34, Set h. 17-36)
Midday h. 11-43-38s. ; Moonrise h. 7-19 Moonset h. 18-50

Tithi : (Kartika Sukla) Dvitiya h. 21-01, Visakha nakshatra h. 10-11, Saubhagya yoga h. 16-33, Balava karana. Moon in Vriscika.

Bhratri Dvitiya, Yama Dvitiya, Dwat Puja (Bihar).

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12 Kartik, Tuesday, 3 November, 1 Jamadal awwal

Sunrise h. 6-06, Set h. 17-21 (Delhi Rise h. 6-34, Set h. 17-35)
Midday h. 11-43-37s. ; Moonrise h. 8-24, Moonset h. 19-48

Tithi : (Kartika Sukla) Tritiya h. 17-30, Anuradha nakshatra h. 7-21, then Jyestha nakshatra h. 28-43, Sobhana yoga h. 12-27, Taitila karana, Vanij karana then Vishti karana from h. 27-53 to next day. Moon enters Dhanu h. 28-43

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13 Kartik, Wednesday, 4 November, 2 Jamadal awwal

Sunrise h. 6-07, Set h. 17-20 (Delhi Rise h 6-35, Set h 17-34)
Midday h. 11-43-37s. ; Moonrise h. 9-27, Moonset h. 20-48

Tithi : (Kartika Sukla) Chaturthi h. 14-15, Mula nakshatra h. 26-26, Atiganda yoga h. 8-31, then Sukarma yoga h. 28-54, Vishti karana upto h. 14-15. Moon in Dhanu.

Naga Chaturthi.

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14 Kartik, Thursday, 5 November, 3 Jamadal awwal

Sunrise h. 6-07, Set h. 17-20 (Delhi Rise h. 6-36, Set h. 17-33)
Midday h. 11-43-38s. ; Moonrise h. 10-26, Moonset h. 21-48

Tithi : (Kartika Sukla) Panchami h. 11-25, P. Asadha nakshatra h. 24-38, Dhriti yoga h. 25-42, Balava karana. Moon in Dhanu.

Jnana Panchami (Jain), **Surya Sasthi, Chhat** (Bihar).

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15 Kartik, Friday, 6 November, 4 Jamadal awwal

Sunrise h. 6-08, Set h. 17-19 (Delhi Rise h. 6-37, Set h. 17-33)
Midday h. 11-43-39s. ; Moonrise h. 11-20. Moonset h. 22-48

Tithi : (Kartika Sukla) Sasthi h. 9-07, U. Asadha nakshatra h 23-26, Sula yoga h. 22-59, Taitila karana. Moon enters Makara 6-16. Sun enters Visakha nakshatra h. 16-48.

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16 Kartik, Saturday, 7 November, 5 Jamadal awwal

Sunrise h. 6-08, Set h. 17-19 (Delhi Rise h. 6-37, Set h. 17-32)
Midday h. 11-43-42s. ; Moonrise h. 12-09, Moonset h. 23-47

Tithi : (Kartika Sukla) Saptami h. 7-28, Sravana nakshatra h. 22-53, Ganda yoga h. 20-48, Vanij karana then Vishti Karana from h. 7-28 to h. 18-59. Moon in Makara. Sayana Vyatipata h. 20-55.

Gopastami or **Gosthastami.**

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17 Kartik, Sunday, 8 November, 6 Jamadal awwal

Sunrise h. 6-09, Set h. 17-18 (Delhi Rise h. 6-38, Set h. 17-32)
Midday h. 11-43-45s. ; Moonrise h. 12-54, Moonset h. 24-43

Tithi : (Kartika Sukla) Astami h. 6-29, Dhanistha nakshatra h. 23-01, Vriddhi yoga h. 19-10, Bava karana. Moon enters Kumbha h. 10-52.

Jagaddhatri Puja, Akshaya Navami.

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18 Kartik, Monday, 9 November, 7 Jamadal awwal

Sunrise h. 6-10, Set h. 17-18 (Delhi Rise h. 6-39, Set h. 17-31)
Midday h. 11-43-49s. ; Moonrise h. 13-35, Moonset h. 25-38

Tithi : (Kartika Sukla) Navami h. 6-13, Satabhisaj nakshatra h. 23-48, Dhruva yoga h. 18-03, Kaulava karana. Moon in Kumbha.

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19 Kartik, Tuesday, 10 November, 8 Jamadal awwal

Sunrise h. 6-10, Set h. 17-17 (Delhi Rise h. 6-40, Set h 17-30)
Midday h. 11-43-54s. ; Moonrise h. 14-15, Moonset h. 26-31

Tithi : (Kartika Sukla) Dasami h. 6-35, P. Bhadrapada nakshatra h. 25-10, Vyaghata yoga h. 17-25, Gara karana, Vanij karana then Vishti karana from h. 19-03 to next day. Moon enters Mina h. 18-47

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20 Kartik, Wednesday, 11 November, 9 Jamadal awwal

Sunrise h. 6-11, Set h. 17-17 (Delhi Rise h. 6-40, Set h. 17-30)
Midday h. 11-43-59s. ; Moonrise h. 14-53, Moonset h. 27-23

Tithi : (Kartika Sukla) Ekadasi h. 7-32, U. Bhadrapada nakshatra h. 27-01, Harshana yoga 17-12, Vishti karana upto h. 7-32. Moon in Mina.

Utthana or Deva Prabodhini Ekadasi.

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21 Kartik, Thursday, 12 November, 10 Jamadal awwal

Sunrise h. 6-11, Set h. 17-17 (Delhi Rise h. 6-41, Set h. 17-29)
Midday h. 11-44-06s. ; Moonrise h. 15-30, Moonset h. 28-14

Tithi : (Kartika Sukla) Dvadasi h. 8-57, Revati nakshatra h. 29-16, Vajra yoga h. 17-19, Balava karana. Moon enters Mesha h. 29-16.

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22 Kartik, Friday, 13 November, 11 Jamadal awwal

Sunrise h. 6-12, Set h. 17-16 (Delhi Rise h. 6-42, Set h. 17-29)
Midday h. 11-44-13s. ; Moonrise h. 16-08, Moonset h. 29-05

Tithi : (Kartika Sukla) Trayodasi h. 10-46, Asvini nakshatra Ahoratra, Siddhi (Asrik) yoga h. 17-41, Taitila karana. Moon in Mesha.

Vaikuntha Chaturdasi.

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23 Kartik, Saturday, 14 November, 12 Jamadal awwal

Sunrise h. 6-13, Set h. 17-16 (Delhi Rise h. 6-43, Set h. 17-28)
Midday h. 11-44-21s. ; Moonrise h. 16-47, Moonset h. 29-56

Tithi : (Kartika Sukla) Chaturdasi h. 12-52, Asvini nakshatra h. 7-47, Vyatipata yoga h. 18-16, Vanij karana then Vishti karana from h. 12-52 to 26-02. Moon in Mesha.

Rasayatra, Tripurotsava.

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24 Kartik, Sunday, 15 November, 13 Jamadal awwal

Sunrise h. 6-13, Set h. 17-15 (Delhi Rise h. 6-43, Set h. 17-28)
Midday h. 11-44-30s. ; Moonrise h. 17-27,

Tithi : (Kartika Sukla) Purnima h. 15-12, Bharani nakshatra h. 10-32, Variyan yoga h. 18-59, Bava karana. Moon enters Vrisha h. 17-15.

Rasayatra (in some opinion), **Kartiki Purnima, Rathayatra** (Jain), **Guru Nanak's Birthday** (Sikh), **Puskara Fair, Huthri**—3 days (Coorg).

25 Kartik, Monday, 16 November, 14 Jamadal awwal

Sunrise h. 6-14, Set h. 17-15 (Delhi Rise h. 6-44, Set h. 17-27) Midday h. 11-44-40s. ; Moonset h. 6-45, Moonrise h. 18-09

Tithi : (Kartika Krishna) Pratipad h. 17-39, Krittika nakshatra h. 13-26, Parigha yoga h. 19-48, Kaulava karana. Moon in Vrisha.

Saura Margasirsadi h. 14-25

Kartika Puja.

26 Kartik, Tuesday, 17 November, 15 Jamadal awwal

Sunrise h. 6-15, Set h. 17-15 (Delhi Rise h. 6-45, Set h. 17-27) Midday h. 11-44-51s. ; Moonset h. 7-35, Moonrise h. 18-54

Tithi : (Kartika Krishna) Dvitiya h. 20-11, Rohini nakshatra h. 16-24, Siva yoga h. 20-40, Taitila karana. Moon enters Mithuna h. 29-53.

Death Anniversary of Lala Lajpat Rai (Punjab).

27 Kartik, Wednesday, 18 Nov., 16 Jamadal awwal

Sunrise h. 6-15, Set h. 17-14 (Delhi Rise h. 6-46, Set h. 17-26) Midday h. 11-45-02s. ; Moonset h. 8-23, Moonrise h. 19-41

Tithi : (Kartika Krishna) Tritiya h. 22-42, Mrigasiras nakshatra h. 19-22, Siddha yoga h. 21-31. Vanij karana then Vishti karana from h. 9-26 to h. 22-42. Moon in Mithuna.

Mercury sets in the West h. 16-18

28 Kartik, Thursday, 19 November, 17 Jamadal awwal

Sunrise h. 6-16, Set h. 17-14 (Delhi Rise h. 6-47, Set h. 17-26) Midday h. 11-45-15s. ; Moonset h. 9-11, Moonrise h. 20-29

Tithi : (Kartika Krishna) Chaturthi h. 25-06, Ardra nakshatra h. 22-14, Sadhya yoga h. 22-17, Bava karana. Moon in Mithuna. Sun enters Anuradha nakshatra h. 22-52.

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29 Kartik, Friday, 20 November, 18 Jamadal awwal

Sunrise h. 6-17, Set h. 17-14 (Delhi Rise h. 6-47, Set h. 17-26) Midday h. 11-45-28s. ; Moonset h. 9-56, Moonrise h. 21-19

Tithi : (Kartika Krishna) Panchami h. 27-15, Punarvasu nakshatra h. 24-53, Subha yoga h. 22-52, Kaulava karana. Moon enters Karkata h. 18-15.

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30 Kartik, Saturday, 21 November, 19 Jamadal awwal

Sunrise h. 6-17, Set h. 17-14 (Delhi Rise h. 6-48, Set h. 17-25) Midday h. 11-45-42s. ; Moonset h. 10-40, Moonrise h. 22-10

Tithi : (Kartika Krishna) Sasthi h. 29-00, Pusya nakshatra h. 27-09, Sukla (Sukra) yoga h. 23-11, Gara karana, Vanij karana then Vishti karana from h. 29-00 to next day. Moon in Karkata. Sayana Vaidhriti h. 11-12.

Month of AGRAHAYAN....30 Days

Vedic month : Sahasya (Dhanuh)
Hemanta Ritu—2nd month
Dakshinayana : Dakshina Gola
Ayanamsa on 1st Agrahayan = 23^0 *17′ 47″*

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1 Agrahayan, Sunday, 22 Nov., 20 Jamadal awwal

Sunrise h. 6-18, Set h. 17-14 (Delhi Rise h. 6-49, Set h. 17-25) Midday h. 11-45-57s. ; Moonset h. 11-23, Moonrise h. 23-03

Tithi : (Kartika Krishna) Saptami h. 30-12, Aslesa nakshatra h. 28-55, Brahma yoga h. 23-06, Vishti karana upto h. 17-36. Moon enters Simha h. 28-55.

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2 Agrahayan, Monday, 23 Nov., 21 Jamadal awwal

Sunrise h. 6-19, Set h. 17-14 (Delhi Rise h. 6-50, Set h. 17-25) Midday h. 11-46-13s. : Moonset h. 12-03, Moonrise h. 23-57

Tithi : (Kartika Krishna) Astami Ahoratra, Magha nakshatra h. 30-01, Indra yoga h. 22-31, Balava karana. Moon in Simha. Sun enters Trop. Sagittarius h. 6-58.

Jupiter sets in the West h. 13-48

Kalastami, Prathamastami (Orissa).

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3 Agrahayan, Tuesday, 24 Nov., 22 Jamadal awwal

Sunrise h. 6-19, Set h. 17-13 (Delhi Rise h. 6-51, Set h. 17-25) Midday h. 11-46-29s. ; Moonset h. 12-44, Moonrise h. 24-52

Tithi : (Kartika Krishna) Astami h. 6-43, P. Phalguni nakshatra Ahoratra, Vaidhriti yoga h. 21-21, Kaulava Karana. Moon in Simha.

4 Agrahayan, Wednesday, 25 Nov., 23 Jamadal awwal

Sunrise h. 6-20, Set h. 17-13 (Delhi Rise h. 6-51, Set h. 17-24) Midday h. 11-46-47s. ; Moonset h. 13-25, Moonrise h. 25-49

Tithi : (Kartika Krishna) Navami h. 6-27 then Dasami h. 29-22, P. Phalguni nakshatra h. 6-23 then U. Phalguni nakshatra h. 29-56, Viskumbha yoga h. 19-34, Gara karana, Vanij karana then Vishti karana from h. 17-54 to h. 29-22. Moon enters Kanya h. 12-20.

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5 Agrahayan, Thursday, 26 Nov., 24 Jamadal awwal

Sunrise h. 6-21, Set h. 17-13 (Delhi Rise h. 6-52, Set h. 17-24) Midday h. 11-47-05s. ; Moonset h. 14-07, Moonrise h. 26-48

Tithi : (Kartika Krishna) Ekadasi h. 27-29, Hasta nakshatra h. 28-43, Priti yoga h. 17-08, Bava karana. Moon in Kanya.

Utpanna Ekadasi.

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6 Agrahayan, Friday, 27 Nov., 25 Jamadal awwal

Sunrise h. 6-22, Set h. 17-13 (Delhi Rise h. 6-53, Set h. 17-24) Midday h. 11-47-24s. ; Moonset h. 14-52, Moonrise h. 27-50

Tithi : (Kartika Krishna) Dvadasi h. 24-55, Chitra nakshatra h. 26-48, Ayusman yoga h. 14-06, Kaulava karana. Moon enters Tula h. 15-50.

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7 Agrahayan, Saturday, 28 Nov., 26 Jamadal awwal

Sunrise h. 6-22, Set h. 17-13 (Delhi Rise h. 6-54, Set h. 17-24) Midday h. 11-47-43s. ; Moonset h. 15-39, Moonrise h. 28-55

Tithi : (Kartika Krishna) Trayodasi h. 21-43, Svati nakshatra h. 24-18, Saubhagya yoga h. 10-31, Gara karana, Vanij karana then Vishti karana from h. 21-43 to next day. Moon in Tula.

Mercury rises in the East h. 28-24

8 Agrahayan, Sunday, 29 Nov., 27 Jamadal awwal

Sunrise h. 6-23, Set h. 17-13 (Delhi Rise h. 6-55, Set h. 17-24) Midday h. 11-48-04s. ; Moonset h. 16-31, Moonrise h. 30-01

Tithi : (Kartika Krishna) Chaturdasi h. 18-07, Visakha nakshatra h. 21-24, Sobhana yoga h. 6-31 then Atiganda yoga h. 26-14 , Vishti karana upto h. 7-55. Moon enters Vriscika h. 16-09.

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9 Agryhayan, Monday, 30 Nov., 28 Jamadal awwal

Sunrise h. 6-23, Set h. 17-13 (Delhi Rise h. 6-55, Set h. 17-24) Midday h. 11-48-25s. ; Moonset h. 17-28.

Tithi : (Kartika Krishna) Amavasya h. 14-16, Anuradha nakshatra h. 18-17, Sukarma yoga h. 21-48, Naga karana. Moon in Vriscika.

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10 Agrahayan, Tuesday, 1 Dec., 29 Jamadal awwal

Sunrise h. 6-24, Set h. 17-13 (Delhi Rise h. 6-56, Set h. 17-24) Midday h. 11-48-46s. ; Moonrise h. 7-07, Moonset h. 18-29

Tithi : (Margasirsa Sukla) Pratipad h. 10-21, Jyestha nakshatra h. 15-08, Dhriti yoga h. 17-22, Bava karana. Moon enters Dhanu h. 15-08.

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11 Agrahayan, Wednesday, 2 Dec., 1 Jamada-s-sani

Sunrise h. 6-25, Set h. 17-13 (Delhi Rise h. 6-57, Set h. 17-24) Midday h. 11-49-09s. ; Moonrise h. 8-10, Moonset h. 19-31

Tithi : (Margasirsa Sukla) Dvitiya h. 6-34 then Tritiya h. 27-07, Mula nakshatra h. 12-11, Sula yoga h. 13-07, Kaulava karana. Moon in Dhanu. Sun enters Jyestha nakshatra h. 27-04.

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12 Agrahayan, Thursday, 3 Dec., 2 Jamada-s-sani

Sunrise h. 6-25, Set h. 17-13 (Delhi Rise h. 6-58, Set h. 17-24) Midday h. 11-49-32s. ; Moonrise h. 9-09, Moonset h. 20-34

Tithi : (Margasirsa Sukla) Chaturthi h. 24-11, P. Asadha nakshatra h. 9-36, Ganda yoga h. 9-11 then Vriddhi yoga h. 29-41, Vanij karana then Vishti karana from h. 13-39 to h. 24-11. Moon enters Makara h. 15-02. Sayana Vyatipata h. 9-17.

13 Agrahayan, Friday, 4 Dec., 3 Jamada-s-sani

Sunrise h. 6-26, Set h. 17-14 (Delhi Rise h. 6-58, Set h. 17-24)
Midday h. 11-49-55s. ; Moonrise h. 10-02, Moonset h. 21-36

Tithi : (Margasirsa Sukla) Panchami h. 21-54, U. Asadha nakshatra h. 7-34 then Sravana nakshatra h. 30-15, Dhruva yoga h. 26-46. Bava karana. Moon in Makara.

Sahid Day of Sri Guru Teg Bahadur.

14 Agrahayan, Saturday, 5 Dec , 4 Jamada-s-sani

Sunrise h. 6-27, Set h. 17-14 (Delhi Rise h. 6-59, Set h. 17-24)
Midday h. 11-50-20s. ; Moonrise h. 10-50, Moonset h. 22-35

Tithi : (Margasirsa Sukla) Sasthi h. 20-24, Dhanistha nakshatra h. 29-42, Vyaghata yoga h. 24-28, Kaulava karana. Moon enters Kumbha h. 17-52.

Guha Sasthi (Skanda Sasthi), Pravarana Sasthi (Orissa), **Subrahmanya Sasthi.**

15 Agrahayan, Sunday, 6 Dec., 5 Jamada-s-sani

Sunrise h. 6-27, Set h. 17-14 (Delhi Rise h. 7-00, Set h. 17-24)
Midday h. 11-50-44s. ; Moonrise h. 11-34, Moonset h. 23-32

Tithi : (Margasirsa Sukla) Saptami h. 19-43, Satabhisaj nakshatra h. 29-59, Harshana yoga h. 22-50, Gara karana, Vanij karana then Vishti karana from h. 19-43 to next day. Moon in Kumbha.

Mitra Saptami.

16 Agrahayan, Monday, 7 Dec., 6 Jamada-s-sani

Sunrise h. 6-28, Set h. 17-14 (Delhi Rise h. 7-01, Set h. 17-24) Midday h. 11-51-10s. ; Moonrise h. 12-15, Moonset h. 24-26

Tithi : (Margasirsa Sukla) Astami h. 19-52, P. Bhadrapada nakshatra Ahoratra, Vajra yoga h. 21-50, Vishti karana upto h. 7-48. Moon enters Mina h. 24-43.

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17 Agrahayan, Tuesday, 8 Dec., 7 Jamada-s-sani

Sunrise h. 6-29, Set h. 17-14 (Delhi Rise h. 7-01, Set h.17-24) Midday h. 11-51-35s. ; Moonrise h. 12-54, Moonset h. 25-19

Tithi : (Margasirsa Sukla) Navami h. 20-47, P. Bhadrapada nakshatra h. 7-03, Siddhi (Asrik) yoga h. 21-25, Balava karana. Moon in Mina.

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18 Agrahayana, Wednesday, 9 Dec., 8 Jamada s-sani

Sunrise h. 6-29, Set h. 17-14 (Delhi Rise h. 7-02, Set h.17-24) Midday h. 11-52-02s. ; Moonrise h. 13-31, Moonset h. 26-10

Tithi : (Margasirsa Sukla) Dasami h. 22-20, U. Bhadrapada nakshatra h. 8-47, Vyatipata yoga h. 21-28, Taitila karana. Moon in Mina.

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19 Agrahayan, Thursday, 10 Dec., 9 Jamada-s sani

Sunrise h. 6-30, Set h. 17-15 (Delhi Rise h. 7-03, Set h. 17-24) Midday h. 11-52-28s. ; Moonrise h. 14-09, Moonset h. 27-01

Tithi : (Margasirsa Sukla) Ekadasi h. 24-22, Revati nakshatra h. 11-04, Variyan yoga h. 21-53, Vanij karana then Vishti karana from h. 11-21 to h. 24-22. Moon enters Mesha h. 11-04.

Moksada Ekadasi, Mauna Ekadasi (Jain).

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20 Agrahayan, Friday, 11 Dec., 10 Jamada-s-sani

Sunrise h. 6-31, Set h. 17-15 (Delhi Rise h. 7-04, Set h. 17-25) Midday h. 11-52-56s. ; Moonrise h. 14-47, Moonset h. 27-51

Tithi : (Margasirsa Sukla) Dvadasi h. 26-43, Asvini nakshatra h. 13-43, Parigha yoga h. 22-33, Bava karana. Moon in Mesha.

Akhanda Dvadasi, Bharani Dipam.

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21 Agrahayan, Saturday, 12 Dec., 11 Jamada-s-sani

Sunrise h. 6-31, Set h. 17-15 (Delhi Rise h. 7-04, Set h. 17-25) Midday h. 11-53-23s. ; Moonrise h. 15-27, Moonset h. 28-41

Tithi : (Margasirsa Sukla) Trayodasi h. 29-14, Bharani nakshatra h. 16-36, Siva yoga h. 23-21, Kaulava karana. Moon enters Vrisha h. 23-20.

Krittika Dipam.

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22 Agrahayan, Sunday, 13 Dec., 12 Jamada-s-sani

Sunrise h. 6-32, Set h. 17-16 (Delhi Rise h. 7-05, Set h. 17-25) Midday h. 11-53-51s. ; Moonrise h. 16-08, Moonset h. 29-32

Tithi : (Margasirsa Sukla) Chaturdasi Ahoratra, Krittika nakshatra h. 19-34, Siddha yoga h. 24-11, Gara karana, Moon in Vrisha.

Krittika Dipam (in some opinion).

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23 Agrahayan, Monday, 14 Dec., 13 Jamada-s-sani

Sunrise h. 6-33, Set h. 17-16 (Delhi Rise h. 7-06, Set h. 17-25) Midday h. 11-54-19s. ; Moonrise h. 16-51, Moonset h. 30-20

Tithi : (Margasirsa Sukla) Chaturdasi h. 7-48, Rohini nakshatra h. 22-32, Sadhaya yoga h. 25-01, Vanij karana then Vishti karana from h. 7-48 to h. 21-03. Moon in Vrisha.

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24 Agrahayan, Tuesday, 15 Dec., 14 Jamada-s-sani

Sunrise h. 6-33, Set h. 17-16 (Delhi Rise h. 7-06, Set h. 17-26) Midday h. 11-54-48s. ; Moonrise h. 17-38.

Tithi : (Margasirsa Sukla) Purnima h. 10-19, Mrigasiras nakshatra h. 25-26, Subha yoga h. 25-48, Bava karana. Moon enters Mithuna h. 12-00. Sun enters Mula nakshatra h. 30-03.

Saura Pausadi h. 28-56

25 Agrahayan, Wednesday, 16 Dec., 15 Jamada-s-sani

Sunrise h. 6-34, Set h. 17-17 (Delhi Rise h. 7-07, Set h. 17-26)
Midday h. 11-55-16s. ; Moonset h. 7-08, Moonrise h. 18-26

Tithi : (Margasirsa Krishna) Partipad h. 12-43, Ardra nakshatra h. 28-12, Sula (Sukra) yoga h. 26-28, Kaulava karana. Moon in Mithuna. Sayana Vaidhriti h. 14-17.

Mars rises in the East h. 9-12.

26 Agrahayan, Thursday, 17 Dec., 16 Jamada-s-sani

Sunrise h. 6-34, Set h. 17-17 (Delhi Rise h. 7-07, Set h. 17-26)
Midday h. 11-55-45s. ; Moonset h. 7-55, Moonrise h. 19-15

Tithi : (Margasirsa Krishna) Dvitiya h. 14-59, Punarvasu nakshatra Ahoratra, Brahma yoga h. 27-00, Gara karana, Vanij karana then Vishti karana from h. 28-00 to next day. Moon enters Karkata h. 24-09.

Jupiter rises in the East h. 15-12.
Saturn sets in the West h. 24-42.

27 Agrahayan, Friday, 18 Dec., 17 Jamada-s-sani

Sunrise h. 6-35, Set h. 17-17 (Delhi Rise h. 7-08, Set h. 17-27)
Midday h. 11-56-15s. ; Moonset h. 8-39, Moonrise h. 20-06

Tithi : (Margasirsa Krishna) Tritiya h. 17-01, Punarvasu nakshatra h. 6-47, Indra yoga h. 27-20, Vishti karana upto h. 17-01. Moon in Karkata.

28 Agrahayan, Saturday, 19 Dec., 18 Jamada-s-sani

Sunrise h. 6-36, Set h. 17-18 (Delhi Rise h. 7-09, Set h. 17-27)
Midday h. 11-56-44s. ; Moonset h. 9-22, Moonrise h. 20-58

Tithi : (Margasirsa Krishna) Chaturthi h. 18-45, Pusya nakshatra h. 9-06, Vaidhriti yoga h. 27-25, Balava karana. Moon in Karkata.

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29 Agrahayan, Sunday, 20 Dec., 19 Jamada-s-sani

Sunrise h. 6-36, Set h. 17-18 (Delhi Rise h. 7-09, Set h. 17-28)
Midday h. 11-57-14s. ; Moonset h. 10-04, Moonrise h. 21-50

Tithi : (Margasirsa Krishna) Panchami h. 20-05, Aslesa nakshatra h. 11-05, Viskumbha yoga h. 27-10, Kaulava karana. Moon enters Simha h. 11-05.

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30 Agrahayan, Monday, 21 Dec., 20 Jamada-s-sani

Sunrise h. 6-37, Set h. 17-19 (Delhi Rise h. 7-10, Set h. 17-28)
Midday h. 11-57-44s. ; Moonset h. 10-43, Moonrise h. 22-44

Tithi : (Margasirsa Krishna) Sasthi h. 20-54, Magha nakshatra h. 12-38, Priti yoga h. 26-31, Gara karana, Vanij karana then Vishti karana from h. 20-54 to next day. Moon in Simha.

Month of PAUS....30 Days

Vedic month : Tapas (Makara)

Sisira Ritu—1st month

Uttarayana : Dakshina Gola

Ayanamsa on 1st Paus = $23^{\circ}\ 17'\ 52''$

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1 Paus, Tuesday, 22 December, 21 Jamada-s-sani

Sunrise h. 6-37, Set h. 17-19 (Delhi Rise h. 7-10, Set h. 17-29)
Midday h. 11-58-13s. ; Moonset h. 11-23, Moonrise h. 23-39

Tithi : (Margasirsa Krishna) Saptami h. 21-07, P. Phalguni nakshatra h. 13-36, Ayusman yoga h. 25-23, Vishti karana upto h. 9-01. Moon enters Kanya h. 19-45. Sun enters Trop. Capricornus h. 20-05.

Uttarayana Day.

2 Paus, Wednesday, 23 December, 22 Jamada-s-sani

Sunrise h. 6-38, Set h. 17-20 (Delhi Rise h. 7-11, Set h. 17-29) Midday h. 11-58-43s. ; Moonset h. 12-03, Moonrise h. 24-35

Tithi : (Margasirsa Krishna) Astami h.20-38, U. Phalguni nakshatra h. 13-56, Saubhagya yoga h. 23-41, Balava karana. Moon in Kanya.

Astaka.

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3 Paus, Thursday, 24 December, 23 Jamada-s-sani

Sunrise h. 6-38, Set h. 17-20 (Delhi Rise h. 7-11, Set h. 17-30) Midday h. 11-59-13s. ; Moonset h. 12-45, Moonrise h. 25-34

Tithi : (Margasirsa Krishna) Navami h. 19-25, Hasta nakshatra h. 13-33, Sobhana yoga h. 21-25, Taitila karan a, Vanij karana then Vishti Karana from h. 30-27 to next day. Moon enters Tula h. 25-05.

Christmas Eve.

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4 Paus, Friday, 25 December, 24 Jamada-s-sani

Sunrise h. 6-39, Set h. 17-21 (Delhi Rise h. 7-12, Set h. 17-30) Midday h. 11-59-43s. ; Moonset h. 13-29, Moonrise h. 26-35

Tithi : (Margasirsa Krishna) Dasami h. 17-28, C hitra nakshatra h. 12-27, Atiganda yoga h. 18-35, Vishti karana upto h. 17-28. Moon in Tula.

Pausa Dasami (Jain), Christmas Day.

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5 Paus, Saturday 26 December, 25 Jamada-s-sani

Sunrise h. 6-39, Set h. 17-21 (Delhi Rise h. 7-12, Set h. 17-31) Midday h. 12-00-13s. ; Moonset h. 14-17, Moonrise h. 27-38

Tithi : (Margasirsa Krishna) Ekadasi h. 14-53, S vati nakshatra 10-41, Sukarma yoga h. 15-13, Balava karana. Moon enters Vriscika h. 26-59.

Saphala Ekadasi, Jor Mela (Punjab)—3 days.

6 Paus, Sunday, 27 December, 26 Jamada-s-sani

Sunrise h. 6-39, Set h. 17-22 (Delhi Rise h. 7-13, Set h. 17-31) Midday h. 12-00-43s. ; Moonset h. 15-10, Moonrise h. 28-43

Tithi : (Margasirsa Krishna) Dvadasi h. 11-44, Visakha nakshatra h. 8-21 then Anuradha nakshatra h. 29-36, Dhriti yoga h. 11-25, Taitila karana. Moon in Vriscika.

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7 Paus, Monday, 28 December, 27 Jamada-s-sani

Sunrise h. 6-40, Set h. 17-23 (Delhi Rise h. 7-13, Set h. 17-32) Midday h. 12-01-13s. ; Moonset h. 16-07, Moonrise h. 29-47

Tithi : (Margasirsa Krishna) Trayodasi h. 8-12 then Chaturdasi h. 28-57, Jyestha nakshatra h. 26-36, Sula yoga h. 7-17 then Ganda yoga h. 26-57, Vanij karana then Vishti karana from h. 8-12 to h. 18-19. Moon enters Dhanu h. 26-36. Sayana Vyatipata h. 27-04.

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8 Paus, Tuesday, 29 December, 28 Jamada-s-sani

Sunrise h. 6-40, Set h. 17-23 (Delhi Rise h. 7-13, Set h. 17-33) Midday h. 12-01-42s. ; Moonset h. 17-08,

Tithi : (Margasirsa Krishna) Amavasya h. 24-39, Mula nakshatra h. 23-33, Vriddhi yoga h 22-35, Chatuspada karana. Moon in Dhanu. Sun enters P. Asadha nakshatra h. 8-14.

Vakula Amavasya.

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9 Paus, Wednesday, 30 December, 29 Jamada-s-sani

Sunrise h. 6-41, Set h. 17-24 (Delhi Rise h. 7-14, Set h.17-33) Midday h. 12-02-12s. ; Moonrise h. 6-49, Moonset h. 18-12

Tithi : (Pausa Sukla) Pratipad h. 21-01, P. Asadha nakshatra h. 20-39, Dhruva yoga h. 18-20, Kintughna karana. Moon enters Makara h. 25-58.

10 Paus, Thursday, 31 December, 1 Rajab

Sunrise h. 6-41, Set h. 17-24 (Delhi Rise h. 7-14, Set h.17-34)
Midday h. 12-02-41s. ; Moonrise h. 7-47, Moonset h. 19-16

Tithi : (Pausa Sukla) Dvitiya h. 17-44, U. Asadha nakshatra h. 18-06, Vyaghata yoga h. 14-22, Balava karana. Moon in Makara.

11 Paus, Friday, 1 January, 2 Rajab

Sunrise h. 6-41, Set h. 17-25 (Delhi Rise h. 7-14, Set h 17-35)
Midday h. 12-03-10s. ; Moonrise h. 8-40, Moonset h. 20-19

Tithi : (Pausa Sukla) Tritiya h. 14-59, Sravana nakshatra h. 16-05, Harshana yoga h. 10-48, Gara karana, Vanij Karana then Vishti karana from h. 25-57 to next day. Moon enters Kumbha h. 27-19.

English New Year's Day.

12 Paus, Saturday, 2 January, 3 Rajab

Sunrise h. 6-42, Set h. 17-26 (Delhi Rise h. 7-14, Set h. 17-35)
Midday h. 12-03-38s. ; Moonrise h. 9-28, Moonset h. 21-19

Tithi : (Pausa Sukla) Chaturthi h. 12-56, Dhanistha nakshatra h. 14-45, Vajra yoga h. 7-46 then Siddhi (Asrik) yoga h. 29-22, Vishti karana upto h. 12-56. Moon in Kumbha.

13 Paus, Sunday, 3 January, 4 Rajab

Sunrise h. 6-42, Set h. 17-26 (Delhi Rise h. 7-15, Set h. 17-36)
Midday h. 12-04-07s. ; Moonrise h. 10-12, Moonset h. 22-16

Tithi : (Pausa Sukla) Panchami h. 11-41, Satabhisaj nakshatra h. 14-14, Vyatipata yoga h. 27-39, Balava karana. Moon in Kumbha.

Mercury sets in the East h. 18-24

14 Paus, Monday, 4 January, 5 Rajab

Sunrise h. 6-42, Set h. 17-27 (Delhi Rise h. 7-15, Set h. 17-37)
Midday h. 12-04-34s. ; Moonrise h. 10-52, Moonset h. 23-11

Tithi : (Pausa Sukla) Sasthi h. 11-20, P. Bhadrapada nakshatra h. 14-34, Variyan yoga h. 26-37, Taitila karana. Moon enters Mina h. 8-24.

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15 Paus, Tuesday, 5 January, 6 Rajab

Sunrise h. 6-42, Set h. 17-28 (Delhi Rise h. 7-15, Set h. 17-37)
Midday h. 12-05-02s. ; Moonrise h. 11-31, Moonset h. 24-04

Tithi : (Pausa Sukla) Saptami h. 11-50, U. Bhadrapada nakshatra h. 15-44, Parigha yoga h. 26-12, Vanij karana then Vishti karana from h. 11-50 to h. 24-28. Moon in Mina.

Saturn rises in the East h. 26-41

Guru Govinda Singh's Birthday.

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16 Paus, Wednesday, 6 January, 7 Rajab

Sunrise h. 6-43, Set h. 17-28 (Delhi Rise h. 7-15, Set h. 17-38)
Midday h. 12-05-29s. ; Moonrise h. 12-09, Moonset h. 24-56

Tithi : (Pausa Sukla) Astami h. 13-07, Revati nakshatra h. 17-38, Siva yoga h. 26-20, Bava karana. Moon enters Mesha h. 17-38.

Epiphany.

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17 Paus, Thursday, 7 January, 8 Rajab

Sunrise h. 6-43, Set h. 17-29 (Delhi Rise h. 7-15, Set h. 17-39)
Midday h. 12-05-55s. ; Moonrise h. 12-47, Moonset h. 25-47

Tithi : (Pausa Sukla) Navami h. 15-02, Asvini nakshatra h. 20-06, Siddha yoga h. 26-51, Kaulava karana. Moon in Mesha.

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18 Paus, Friday, 8 January, 9 Rajab

Sunrise h. 6-43, Set h. 17-30 (Delhi Rise h. 7-16, Set h. 17-40)
Midday h. 12-06-22s. ; Moonrise h. 13-26, Moonset h. 26-37

Tithi : (Pausa Sukla) Dasami h. 17-22, Bharani nakshatra h. 22-56, Sadhya yoga h. 27-37, Gara karana, Vanij karana then Vishti karana from h. 30-40 to next day. Moon enters Vrisha h. 29-40.

Samba Dasami (Orissa).

19 Paus, Saturday, 9 January, 10 Rajab

Sunrise h. 6-43, Set h. 17-30 (Delhi Rise h. 7-16, Set h. 17-40)
Midday h. 12-06-47s. ; Moonrise h. 14-07, Moonset h. 27-27

Tithi : (Pausa Sukla) Ekadasi h. 19-57, Krittika nakshatra h. 25-56, Subha yoga h. 28-29, Vishti karana upto h. 19-57. Moon in Vrisha.

Putrada Ekadasi, Vaikuntha Ekadasi (Madras).

20 Paus, Sunday, 10 January, 11 Rajab

Sunrise h. 6-43, Set h. 17-31 (Delhi Rise h. 7-16, Set h. 17-41)
Midday h. 12-07-12s. ; Moonrise h. 14-49, Moonset h. 28-16

Tithi : (Pausa Sukla) Dvadasi h. 22-33, Rohini nakshatra h. 28-57, Sukla (Sukra) yoga h. 29-21, Bava karana. Moon in Vrisha. Sayana Vaidhriti h. 17-04.

21 Paus, Monday, 11 January, 12 Rajab

Sunrise h. 6-44, Set h. 17-32 (Delhi Rise h. 7-16, Set h. 17-42)
Midday h. 12-07-37s. ; Moonrise h. 15-34, Moonset h. 29-04

Tithi : (Pausa Sukla) Trayodasi h. 25-03, Mrigasiras nakshatra Ahoratra, Brahma yoga h. 30-07, Kaulava karana. Moon enters Mithuna h. 18-24. Sun enters U. Asadha nakshatra h. 10-09.

22 Paus, Tuesday, 12 January, 13 Rajab

Sunrise h. 6-44, Set h. 17-32 (Delhi Rise h. 7-16, Set h. 17-43)
Midday h. 12-08-01s. ; Moonrise h. 16-22, Moonset h. 29-52

Tithi : (Pausa Sukla) Chaturdasi h. 27-20, Mrigasiras nakshatra h. 7-49, Indra yoga h. 30-43, Gara karana, Vanij karana then Vishti karana from h. 27-20 to next day. Moon in Mithuna.

Arudra Darsanam (S. India).

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23 Paus, Wednesday, 13 January, 14 Rajab

Sunrise h. 6-44, Set h. 17-33 (Delhi Rise h. 7-16, Set h. 17-44)
Midday h. 12-08-24s. ; Moonrise h. 17-11, Moonset h. 30-38

Tithi : (Pausa Sukla) Purnima h. 29-21, Ardra nakshatra h. 10-28, Vaidhriti yoga Ahoratra, Vishti karana upto h. 16-20. Moon enters Karkata h. 30-18.

Pusyabhisekayatra, Bhogi (Madras), **Lohri** (Jammu).

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24 Paus, Thursday, 14 January 15 Rajab

Sunrise h. 6-44, Set h. 17-34 (Delhi Rise h. 7-16, Set h. 17-44)
Midday h. 12-08-46s. ; Moonrise h. 18-02

Tithi : (Pausa Krishna) Pratipad Ahoratra, Punarvasu nakshatra h. 12-52, Vaidhriti yoga h. 7-06, Balava karana. Moon in Karkata.

Saura Maghadi h. 15-33.

Tila Sankranti, Makaradi Snana, Magha Bihu (Assam), **Pongal** (Madras), **Tai Pongal** (Kerala).

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25 Paus, Friday, 15 January, 16 Rajab

Sunrise h. 6-44, Set h. 17-35 (Delhi Rise h. 7-16, Set h. 17-45)
Midday h. 12-09-09s. ; Moonset h. 7-21, Moorise h. 18-54

Tithi : (Pausa Krishna) Pratipad h. 7-03, Pusya nakshatra h. 14-57, Viskumbha yoga h. 7-15, Kaulava karana. Moon in Karkata.

Saturn rises in the East h. 26-42.

Mattu Pongal (Madras).

26 Paus, Saturday, 16 January, 17 Rajab

Sunrise h. 6-44, Set h. 17-36 (Delhi Rise h. 7-15, Set h. 17-46)
Midday h. 12-09-30s. ; Moonset h. 8-04, Moonrise h. 19-47
Tithi : (Pausa Krishna) Dvitiya h. 8-26, Aslesa nakshatra h. 16-44, Priti yoga h. 7-10, Gara karana, Vanij karana then Vishti karana from h. 20-56 to next day. Moon enters Simha h. 16-14.

27 Paus, Sunday, 17 January, 18 Rajab

Sunrise h. 6-44, Set h. 17-37 (Delhi Rise h. 7-15, Set h. 17-47)
Midday h. 12-09-51s. ; Moonset h. 8-44, Moonrise h. 20-40
Tithi : (Pausa Krishna) Tritiya h. 9-27, Magha nakshatra h. 18-09, Ayusman yoga h. 6-49 then Saubhagya yoga h. 30-10. Vishti karana upto h. 9-27. Moon in Simha.

28 Paus, Monday, 18 January, 19 Rajab

Sunrise h. 6-44, Set h. 17-37 (Delhi Rise h. 7-15, Set h.17-48)
Midday h. 12-10-11s. ; Moonset h. 9-24, Moonrise h. 21-34
Tithi : (Pausa Krishna) Chaturthi h. 10-05, P. Phalguni nakshatra h. 19-11, Sobhana yoga h. 29-12, Balava karana. Moon enters Kanya h. 25-23.

29 Paus, Tuesday, 19 January, 20 Rajab

Sunrise h. 6-44, Set h. 17-37 (Delhi Rise h.7-15, Set h.17-49)
Midday h. 12-10-30s. ; Moonset h. 10-04, Moonrise h. 22-29
Tithi : (Pausa Krishna) Panchami h. 10-16, U. Phalguni nakshatra h. 19-46, Atiganda yoga h. 27-51, Taitila karana. Moon in Kanya.

30 Paus, Wednesday, 20 January, 21 Rajab

Sunrise h. 6-44, Set h.17-38 (Delhi Rise h. 7-15, Set h. 17-49)
Midday h. 12-10-49s. ; Moonset h. 10-44, Moonrise h. 23-26

Tithi : (Pausa Krishna) Sasthi h. 9-58, Hasta nakshatra h. 19-52, Sukarma yoga h. 26-05 Vanij karana then Vishti Karana from h. 9-58 to h. 21-33. Moon in Kanya. Sun enters Trop. Aquarius h. 30-40.

Month of MAGH....30 Days

Vedic month : Tapasya (Kumbha)

Sisira Ritu—2nd month

Uttarayana : Dakshina Gola

Ayanamsa on 1st Magh = $23° 17' 56''$

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1 Magh, Thursday, 21 January, 22 Rajab

Sunrise h. 6-44, Set h. 17-39 (Delhi Rise h. 7-15, Set h. 17-50) Midday h. 12-11-07s. ; Moonset h. 11-26, Moonrise h. 24-24

Tithi : (Pausa Krishna) Saptami h. 9-08, Chitra nakshatra h. 19-25, Dhriti yoga h. 23-54, Bava karana. Moon enters Tula h. 7-43.

Astaka.

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2 Magh, Friday, 22 January, 23 Rajab

Sunrise h. 6-43, Set h. 17-40 (Delhi Rise h. 7-14, Set h. 17-51) Midday h. 12-11-24s. ; Moonset h. 12-11, Moonrise h. 25-24

Tithi : (Pausa Krishna) Astami h. 7-45 then Navami h. 29-48, Svati nakshatra h. 18-26, Sula yoga h. 21-16, Kaulava karana. Moon in Tula. Jupiter enters Dhanu h. 21-29.

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3 Magh, Saturday, 23 January, 24 Rajab

Sunrise h. 6-43, Set h. 17-40 (Delhi Rise h. 7-14, Set h. 17-52) Midday h. 12-11-40s. ; Moonset h. 12-59, Moonrise h. 26-26

Tithi : (Pausa Krishna) Dasami h. 27-23, Visakha nakshatra h. 16-56, Ganda yoga h. 18-13, Vanij karana then Vishti karana from h. 16-36 to h. 27-23. Moon enters Vriscika h. 11-21. Sayana Vyátipata h. 18-20.

Netaji's Birthday.

4 Magh, Sunday, 24 January, 25 Rajab

Sunrise h. 6-43, Set h. 17-41 (Delhi Rise h. 7-14, Set h. 17-53)
Midday h. 12-11-56s. ; Moonset h. 13-52, Moonrise h. 27-28

Tithi : (Pausa Krishna) Ekadasi h. 24-31, Anuradha nakshatra h. 14-59, Vriddhi yoga h. 14-49, Bava karana. Moon in Vriscika. Sun enters Sravana nakshatra h. 12-29.

Sattila Ekadasi.

5 Magh, Monday, 25 January, 26 Rajab

Sunrise h. 6-43, Set h. 17-42 (Delhi Rise h. 7-13, Set h. 17-54)
Midday h. 12-12-11s. ; Moonset h. 14-49, Moonrise h. 28-29

Tithi : (Pausa Krishna) Dvadasi h. 21-23, Jyestha nakshatra h. 12-41, Dhruva yoga h. 11-07, Kaulava karana. Moon enters Dhanu h. 12-41.

6 Magh, Tuesday, 26 January, 27 Rajab

Sunrise h. 6-43, Set h. 17-42 (Delhi Rise h. 7-13, Set h. 17-54)
Midday h. 12-12-25s. ; Moonset h. 15-51, Moonrise h 29-29

Tithi : (Pausa Krishna) Trayodasi h. 18-06, Mula nakshatra h. 10-10, Vyaghata yoga h. 7-15 then Harshana yoga h. 27-19, Gara karana, Vanij karana then Vishti karana from h. 18-06 to h. 28-28. Moon in Dhanu.

Republic Day, Meru Trayodasi (Jain), **Ratanti Kalika Puja, Sab-e-Meraj** (in the preceding night).

7 Magh, Wednesday, 27 January, 28 Rajab

Sunrise h. 6-42, Set h. 17-43 (Delhi Rise h. 7-13, Set h. 17-55) Midday h. 12-12-38s. ; Moonset h. 16-54, Moonrise h. 30-24

Tithi : (Pausa Krishna) Chaturdasi h. 14-50, P. Asadha nakshatra h. 7-36 then U. Asadha nakshatra h. 29-11, Vajra yoga h. 23-28, Sakuni karana. Moon enters Makara h. 12-59.

Thai Amavasya,

8 Magh, Thursday, 28 January, 29 Rajab

Sunrise h. 6-42, Set h. 17-44 (Delhi Rise h. 7-12, Set h. 17-56) Midday h. 12-12-51s. ; Moonset h. 17-58

Tithi : (Pausa Krishna) Amavasya h. 11-45, Sravana nakshatra h. 27-02, Siddhi (Asrik) yoga h. 19-49, Naga karana. Moon in Makara.

Mauni Amavasya, Makara Vavu (Kerala).

9 Magh, Friday, 29 January, 30 Rajab

Sunrise h. 6-42, Set h. 17-44 (Delhi Rise h. 7-12, Set h. 17-57) Midday h. 12-13-03s. ; Moonrise h. 7-15, Moonset h. 19-00

Tithi : (Magha Sukla) Pratipad h. 9-02, Dhanistha nakshatra h. 25-23, Vyatipata yoga h. 16-31, Bava karana. Moon enters Kumbha h. 14-09.

10 Magh, Saturday, 30 January, 1 Shaban

Sunrise h. 6-42, Set h. 17-45 (Delhi Rise h. 7-11, Set h. 17-58) Midday h. 12-13-14s. ; Moonrise h. 8-02, Moonset h. 20-00

Tithi : (Magha Sukla) Dvitiya h. 6-49 then Tritiya h. 29-17, Satabhisaj nakshatra h.24-21, Variyan yoga h.13-40, Kaulava karana. Moon in Kumbha.

11 Magh, Sunday, 31 January, 2 Shaban

Sunrise h. 6-41, Set h. 17-46 (Delhi Rise h. 7-11, Set h. 17-59) Midday h. 12-13-24s. ; Moonrise h. 8-45, Moonset h. 20-58

Tithi : (Magha Sukla) Chaturthi h.28-30, P. Bhadrapada nakshatra h. 24-03, Parigha yoga h. 11-23, Vanij karana then Vishti karana from h. 16-54 to h. 28-30. Moon enters Mina h. 18-03.

Tila Chaturthi, Kunda Chaturthi, Varada Chaturthi, Ganesa Puja.

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12 Magh, Monday, 1 February, 3 Shaban

Sunrise h. 6-41, Set h. 17-46 (Delhi Rise h. 7-10, Set h.17-59)
Midday h. 12-13-33s. ; Moonrise h. 9-26, Moonset h. 21-53

Tithi : (Magha Sukla) Panchami h. 28-32, U. Bhadrapada nakshatra h. 24-32, Siva yoga h. 9-43, Bava karana. Moon in Mina.

Sri Panchami, Sarasvati Puja, Vasanta Panchami.

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13 Magh, Tuesday, 2 February, 4 Shaban

Sunrise h. 6-40, Set h. 17-47 (Delhi Rise h. 7-10, Set h. 18-00)
Midday h. 12-13-41s. ; Moonrise h. 10-06, Moonset h. 22-47

Tithi : (Magha Sukla) Sasthi h. 29-23, Revati nakshatra h. 25-48, Siddha yoga h. 8-41, Kaulava karana. Moon enters Mesha h. 25-48.

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14 Magh, Wednesday, 3 February, 5 Shaban

Sunrise h. 6-40, Set h. 17-48 (Delhi Rise h. 7-09, Set h. 18-01)
Midday h. 12-13-49s. ; Moonrise h. 10-45, Moonset h. 23-39

Tithi : (Magha Sukla) Saptami Ahoratra, Asvini nakshatra h. 27-46, Sadhya yoga h. 8-16, Gara karana. Moon in Mesha.

Ratha Saptami, Vidhana Saptami, Arogya Saptami.

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15 Magh, Thursday, 4 February, 6 Shaban

Sunrise h. 6-40, Set h. 17-49 (Delhi Rise h. 7-09, Set h. 18-02)
Midday h. 12-13-56s. ; Moonrise h. 11-24, Moonset h. 24-30

Tithi : (Magha Sukla) Saptami h. 6-56, Bharani nakshatra h. 30-17, Subha yoga h. 8-22, Vanij karana then Vishti karana from h. 6-56 to h. 19-59. Moon in Mesha. Sayana Vaidhriti h. 20-42.

Bhishmastami.

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16 Magh, Friday, 5 February, 7 Shaban

Sunrise h. 6-39, Set h. 17-49 (Delhi Rise h. 7-08, Set h. 18-03)
Midday h. 12-14-02s. ; Moonrise h. 12-04, Moonset h. 25-20

Tithi : (Magha Sukla) Astami h. 9-03, Krittika nakshatra Ahoratra, Sukla (Sukra) yoga h. 8-53, Bava karana. Moon enters Vrisha h. 12-58.

Bhishmastami (in some opinion).

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17 Magh, Saturday, 6 February, 8 Shaban

Sunrise h. 6-39, Set h. 17-50 (Delhi Rise h. 7-08, Set h. 18-03)
Midday h. 12-14-07s. ; Moonrise h. 12-46, Moonset h. 26-10

Tithi : (Magha Sukla) Navami h. 11-30, Krittika nakshatra h. 9-09, Brahma yoga h. 9-39, Kaulava karana. Moon in Vrisha. Sun enters Dhanistha nakshatra h. 15-33.

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18 Magh, Sunday, 7 February, 9 Shaban

Sunrise h. 6-38, Set h. 17-50 (Delhi Rise h. 7-07, Set h. 18-04)
Midday h. 12-14-11s. ; Moonrise h. 13-30, Moonset h. 26-58

Tithi : (Magha Sukla) Dasami h. 14-03, Rohini nakshatra h. 12-08, Indra yoga h. 10-31, Gara karana, Vanij karana then Vishti karana from h. 27-17 to next day. Moon enters Mithuna h. 25-37.

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19 Magh, Monday, 8 February 10 Shaban

Sunrise h. 6-38, Set h. 17-51 (Delhi Rise h. 7-06, Set h. 18-05)
Midday h. 12-14-15s. ; Moonrise h. 14-16, Moonset h. 27-46

Tithi : (Magha Sukla) Ekadasi h. 16-32, Mrigasiras nakshatra h. 15-03, Vaidhriti yoga h. 11-20, Vishti karana upto h. 16-32. Moon in Mithuna,

Jaya Ekadasi, Bhaimi Ekadasi.

20 Magh, Tuesday, 9 February, 11 Shaban

Sunrise h. 6-37, Set h. 17-51 (Delhi Rise h. 7-05, Set h. 18-06)
Midday h. 12-14-17s. ; Moonrise h. 15-05, Moonset h. 28-33

Tithi : (Magha Sukla) Dvadasi h. 18-44, Ardra nakshatra h, 17-44, Viskumbha yoga h. 11-59, Balava karana. Moon in Mithuna.

Varaha Dvadasi.

21 Magh, Wednesday, 10 February, 12 Shaban

Sunrise h. 6-37, Set h. 17-52 (Delhi Rise h. 7-05, Set h. 18-07)
Midday h. 12-14-19s. ; Moonrise h. 15-55, Moonset h. 29-18

Tithi : (Magha Sukla) Trayodasi h. 20-34, Punarvasu nakshatra h. 20-03, Priti yoga h. 12-22. Kaulava karana. Moon enters Karkata h. 13-30.

22 Magh, Thursday, 11 February, 13 Shaban

Sunrise h. 6-36, Set h. 17-53 (Delhi Rise h. 7-04, Set h. 18-07)
Midday h. 12-14-20s. ; Moonrise h. 16-47, Moonset h. 30 01

Tithi : (Magha Sukla) Chaturdasi h. 21-57, Pusya nakshatra h. 21-58, Ayusman yoga h. 12-26, Gara karana, Vanij karana then Vishti karana from h. 21-57 to next day. Moon in Karkata.

Mercury rises in the West h. 20-36

23 Magh, Friday, 12 February, 14 Shaban

Sunrise h. 6-35, Set h. 17-54 (Delhi Rise h. 7-03, Set h. 18-80)
Midday h. 12-14-20s. ; Moonrise h. 17-41,

Tithi : (Magha Sukla) Purnima h. 22-54, Aslesa nakshatra h. 23-26, Saubhagya yoga h. 12-10, Vishti karana upto h. 10-26. Moon enters Simha h. 23-26.

Saura Phalgunadi h. 28-28

Maghi Purnima, Guru Ravidas's Birthday.

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24 Magh, Saturday, 13 February, 15 Shaban

Sunrise h. 6-35, Set h. 17-54 (Delhi Rise h. 7-03, Set h. 18-09)
Midday h. 12-14-20s. ; Moonset h. 6-43, Moonrise h. 18-34

Tithi : (Magha Krishna) Pratipad h. 23-24, Magha nakshatra h. 24-29, Sobhana yoga h. 11-33, Balava karana. Moon in Simha.

Sab-e-Barat (in the preceding night).

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25 Magh, Sunday, 14 February, 16 Shaban

Sunrise h. 6-34, Set h. 17-55 (Delhi Rise h. 7-02, Set h. 18-10)
Midday h. 12-14-19s. ; Moonset h. 7-23, Moonrise h. 19-29

Tithi : (Magha Krishna) Dvitiya h. 23-28, P. Phalguni nakshatra h. 25-08, Atiganda yoga h. 10-36, Taitila karana. Moon in Simha.

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26 Magh, Monday, 15 February, 17 Shaban

Sunrise h. 6-34, Set h. 17-55 (Delhi Rise h. 7-01, Set h. 18-10)
Midday h. 12-14-17s. ; Moonset h. 8-04, Moonrise h. 20-25

Tithi : (Magha Krishna) Tritiya h. 23-09, U. Phalguni nakshatra h. 25-23, Sukarma yoga h. 9-21, Vanij karana then Vishti karana from h. 11-18 to h. 23-09. Moon enters Kanya h. 7-14.

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27 Magh, Tuesday, 16 February, 18 Shaban

Sunrise h. 6-33, Set h. 17-56 (Delhi Rise h. 7-00, Set h. 18-11)
Midday h. 12-14-14s. ; Moonset h. 8-45, Moonrise h. 21-21

Tithi : (Magha Krishna) Chaturthi h. 22-27, Hasta nakshatra h. 25-17, Dhriti yoga h. 7-47 then Sula yoga h. 29-56, Bava karana. Moon in Kanya.

28 Magh, Wednesday, 17 February, 19 Shaban

Sunrise h. 6-32, Set h. 17-56 (Delhi Rise h. 6-59, Set h. 18-12)
Midday h. 12-14-11s. ; Moonset h. 9-26, Moonrise h. 22-19

Tithi : (Magha Krishna) Panchami h. 21-23, Chitra nakshatra h. 24-50, Ganda yoga h. 27-48, Kaulava karana. Moon enters Tula h. 13-06. Sayana Vyatipata h. 27-55.

29 Magh, Thursday, 18 February, 20 Shaban

Sunrise h. 6-32, Set h. 17-57 (Delhi Rise h. 6-58, Set h. 18-13)
Midday h. 12-14-06s. ; Moonset h. 10-10, Moonrise h. 23-17

Tithi : (Magha Krishna) Sasthi h. 19-59, Svati nakshatra h. 24-03, Vriddhi yoga h. 25-25, Gara karana, Vanij karana then Vishti karana from h. 19-59 to next day. Moon in Tula.

30 Magh, Friday, 19 February, 21 Shaban

Sunrise h. 6-31, Set h. 17-57 (Delhi Rise h. 6-58, Set h. 18-13)
Midday h. 12-14-02s. ; Moonset h. 10-57, Moonrise h. 24-18

Tithi : Magha Krishna) Saptami h. 18-16, Visakha nakshatra h. 22-57, Dhruva yoga h. 22-46, Vishti karana upto h. 7-07. Moon enters Vriscika h. 17-15. Sun enters Satabhisaj nakshatra h. 20-09. Sun enters Trop. Pisces h. 20-56.

Month of PHALGUN....30 Days

Vedic month : Madhu (Mina)
Vasanta Ritu—1st month
Uttarayana : Dakshina Gola

Ayanamsa on 1st Phalgun = 23° 18′ 00″

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1 Phalgun, Saturday, 20 February, 22 Shaban

Sunrise h. 6-30, Set h. 17-58 (Delhi Rise h. 6-57, Set h. 18-14) Midday h. 12-13-56s. ; Moonset h. 11-47, Moonrise h. 25-18

Tithi : (Magha Krishna) Astami h. 16-15, Anuradha nakshatra h. 21-35, Vyaghata yoga h. 19-54, Kaulava karana. Moon in Vriscika.

Astaka, Sitastami.

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2 Phalgun, Sunday, 21 February, 23 Shaban

Sunrise h. 6-29, Set h. 17-58 (Delhi Rise h. 6-56, Set h. 18-15) Midday h. 12-13-50s. ; Moonset h. 12-40, Moonrise h. 26-18

Tithi : (Magha Krishna) Navami h. 13-59, Jyestha nakshatra h. 19-58, Harshana yoga h. 16-50, Gara karana, Vanij karana then Vishti karana from h. 24-46 to next day. Moon enters Dhanu h 19-58.

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3 Phalgun, Monday, 22 February, 24 Shaban

Sunrise h. 6-29, Set h. 17-59 (Delhi Rise h. 6-55, Set h. 18-15) Midday h. 12-13-43s. ; Moonset h. 13-38, Moonrise h. 27-16

Tithi : (Magha Krishna) Dasami h. 11-32, Mula nakshatra h. 18-12, Vajra yoga h. 13-37, Vishti karana upto h. 11-32. Moon in Dhanu.

4 Phalgun, Tuesday, 23 February, 25 Shaban

Sunrise h. 6-28, Set h. 17-59 (Delhi Rise h. 6-54, Set h. 18-16) Midday h. 12-13-36s. ; Moonset h. 14-38, Moonrise h. 28-11

Tithi : (Magha Krishna) Ekadasi h. 8-59 then Dvadasi h. 30-25, P. Asadha nakshatra h. 16-21, Siddhi (Asrik) yoga h. 10-20, Balava karana. Moon enters Makara h. 21-54.

Vijaya Ekadasi (Trisprisa).

5 Phalgun, Wednesday, 24 February, 26 Shaban

Sunrise h. 6-27, Set h. 18-00 (Delhi Rise h. 6-53, Set h. 18-17) Midday h. 12-13-28s. ; Moonset h. 15-40, Moonrise h. 29-03

Tithi : (Magha Krishna) Trayodasi h. 27-59, U. Asadha nakshatra h. 14-32, Vyatipata yoga h. 7-04 then Variyan yoga h. 27-52. Gara karana, Vanij karana then Vishti karana from h. 27-59 to next day. Moon in Makara.

6 Phalgun, Thursday, 25 February, 27 Shaban

Sunrise h. 6-26, Set h. 18-01 (Delhi Rise h. 6-52, Set h. 18-17) Midday h. 12-13-19s. ; Moonset h. 16-42, Moonrise h. 29-51

Tithi : (Magha Krishna) Chaturdasi h. 25-45, Sravana nakshatra h. 12-53, Parigha yoga h. 24-52, Vishti karana upto h. 14-52. Moon enters Kumbha h. 24-09.

Maha Sivararti.

7 Phalgun, Friday, 26 February, 28 Shaban

Sunrise h. 6-26, Set h. 18-01 (Delhi Rise h. 6-51, Set h. 18-18) Midday h. 12-13-10s. ; Moonset h. 17-42,

Tithi : (Magha Krishna) Amavasya h. 23-54, Dhanistha nakshatra h. 11-30, Siva yoga h. 22-09, Chatuspada karana. Moon in Kumbha.

8 Phalgun, Saturday, 27 February, 29 Shaban

Sunrise h. 6-25, Set h. 18-02 (Delhi Rise h. 6-50, Set h. 18-19) Midday h. 12-13-00s. ; Moonrise h. 6-36, Moonset h. 18-41

Tithi : (Phalguna Sukla) Pratipad h. 22-31, Satabhisaj nakshatra h. 10-32, Siddha yoga h. 19-49, Kintughna karana. Moon enters Mina h. 28-09

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9 Phalgun, Sunday, 28 February, 30 Shaban

Sunrise h. 6-24, Set h. 18-02 (Delhi Rise h. 6-49, Set h. 18-19) Midday h. 12-12-50s. ; Moonrise h. 7-18, Moonset h. 19-38

Tithi : (Phalguna Sukla) Dvitiya h. 21-42, P. Bhadrapada nakshatra h. 10-05, Sadhya yoga h. 17-56, Balava karana. Moon in Mina.

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10 Phalgun, Monday, 29 February, 1 Ramadan

Sunrise h. 6-23, Set h. 18-03 (Delhi Rise h. 6-48, Set h. 18-20) Midday h. 12-12-39s. ; Moonrise h. 7-59, Moonset h. 20-33

Tithi : (Phalguna Sukla) Tritiya h. 21-34, U. Bhadrapada nakshatra h. 10-15, Subha yoga h. 16-33, Taitila karana. Moon in Mina. Sayana Vaidhriti h 28-11.

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11 Phalgun, Tuesday, 1 March, 2 Ramadan

Sunrise h. 6-22, Set h. 18-03 (Delhi Rise h. 6-47, Set h 18-21) Midday h. 12-12-28s. ; Moonrise h. 8-39, Moonset h. 21-27

Tithi : (Phalguna Sukla) Chaturthi h. 22-07, Revati nakshatra h. 11-05, Sukla (Sukra) yoga h. 15-43, Vanij karana then Vishti karana from h. 9-51 to h. 22-07. Moon enters Mesha h. 11-05.

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12 Phalgun, Wednesday, 2 March, 3 Ramadan

Sunrise h. 6-21, Set h. 18-03 (Delhi Rise h. 6-46, Set h. 18-21) Midday h. 12-12-16s. ; Moonrise h. 9-19, Moonset h. 22-20

Tithi : (Phalguna Sukla) Panchami h. 23-21, Asvini nakshatra h. 12-34, Brahma yoga h. 15-24, Bava karana. Moon in Mesha.

Ash Wednesday.

13 Phalgun, Thursday, 3 March, 4 Ramadan

Sunrise h. 6-21, Set h. 18-04 (Delhi Rise h. 6-45, Set h. 18-22)
Midday h. 12-12-04s. ; Moonrise h. 9-59, Moonset h. 23-11

Tithi : (Phalguna Sukla) Sasthi h. 25-09, Bharani nakshatra h. 14-40, Indra yoga h. 15-34, Kaulava karana. Moon enters Vrisha h. 21-16. Sun enters P. Bhadrapada nakshatra h 26-23.

14 Phalgun, Friday, 4 March, 5 Ramadan

Sunrise h. 6-20, Set h. 18-04 (Delhi Rise h. 6-44, Set h. 18-23)
Midday h. 12-11-51s. ; Moonrise h. 10-41, Moonset h. 24-02

Tithi : (Phalguna Sukla) Saptami h. 27-23, Krittika nakshatra h. 17-14, Vaidhriti yoga h. 16-06, Gara karana, Vanij karana then Vishti karana from h. 27-23 to next day. Moon in Vrisha.

15 Phalgun, Saturday, 5 March, 6 Ramadan

Sunrise h. 6-19, Set h. 18-05 (Delhi Rise h. 6-43, Set h. 18-23)
Midday h. 12-11-37s. ; Moonrise h. 11-24, Moonset h. 24-51

Tithi : (Phalguna Sukla) Astami h. 29-50, Rohini nakshatra h. 20-06, Viskumbha yoga h. 16-52, Vishti karana upto h. 16-36. Moon in Vrisha

Mercury sets in the West h. 14-54

16 Phalgun, Sunday, 6 March, 7 Ramadan

Sunrise h. 6-18, Set h. 18-05 (Delhi Rise h. 6-42, Set h. 18-24)
Midday h. 12-11-23s. ; Moonrise h. 12-09, Moonset h. 25-39

Tithi : (Phalguna Sukla) Navami Ahoratra, Mrigasiras nakshatra h. 23-03, Priti yoga h. 17-43, Balava karana. Moon enters Mithuna h. 9-35.

17 Phalgun, Monday, 7 March, 8 Ramadan

Sunrise h. 6-17, Set h. 18-06 (Delhi Rise h. 6-41, Set h. 18-25)
Midday h. 12-11-09s. ; Moonrise h. 12-57, Moonset h. 26-26

Tithi : (Phalguna Sukla) Navami h. 8-17, Ardra nakshatra h. 25-50, Ayusman yoga h. 18-29, Kaulava karana. Moon in Mithuna.

18 Phalgun, Tuesday, 8 March, 9 Ramadan

Sunrise h. 6-16, Set h. 18-06 (Delhi Rise h 6-39, Set h.18-25)
Midday h. 12-10-55s. ; Moonrise h. 13-46, Moonset h. 27-11

Tithi : (Phalguna Sukla) Dasami h. 10-30, Punarvasu nakshatra h. 28-18, Saubhagya yoga h. 19-02, Gara karana, Vanij karana then Vishti karana from h. 23-25 to next day. Moon enters Karkata h. 21-44.

19 Phalgun, Wednesday, 9 March, 10 Ramadan

Sunrise h. 6-15, Set h. 18-07 (Delhi Rise h. 6-38, Set h. 18-26)
Midday h. 12-10-39s. ; Moonrise h. 14-38, Moonset h. 27-55

Tithi : (Phalguna Sukla) Ekadasi h. 12-19, Pusya nakshatra Ahoratra, Sobhana yoga h. 19-14, Vishti karana upto h. 12-19. Moon in Karkata.

Amalaki Ekadasi.

20 Phalgun, Thursday, 10 March, 11 Ramadan

Sunrise h. 6-14, Set h. 18-07 (Delhi Rise h. 6-37, Set h. 18-26)
Midday h. 12-10-24s. ; Moonrise h. 15-30, Moonset h. 28-37

Tithi : (Phalguna Sukla) Dvadasi h. 13-36, Pusya nakshatra h. 6-18, Atiganda yoga h. 19-02, Balava karana. Moon in Karkata.

21 Phalgun, Friday, 11 March, 12 Ramadan

Sunrise h. 6-13, Set h. 18-07 (Delhi Rise h. 6-36, Set h. 18-27) Midday h. 12-10-08s. ; Moonrise h. 16-24, Moonset h. 29-19

Tithi : (Phalguna Sukla) Trayodasi h. 14-18, Aslesa nakshatra h. 7-44, Sukarma yoga h. 18-22, Taitila karana. Moon enters Simha h. 7-44.

Masi Magham (S. India).

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22 Phalgun, Saturday, 12 March, 13 Ramadan

Sunrise h. 6-12, Set h. 18-08 (Delhi Rise h. 6-35, Set h. 18-27) Midday h. 12-09-52s. ; Moonrise h. 17-19, Moonset h. 30-00

Tithi : (Phalguna Sukla) Chaturdasi h. 14-24, Magha nakshatra h. 8-35, Dhriti yoga h. 17-14, Vanij karana then Vishti karana from h. 14-24 to 26-10. Moon in Simha.

Holikadahana, Holi—1st day.

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23 Phalgun, Sunday, 13 March, 14 Ramadan

Sunrise h. 6-11, Set h. 18-08 (Delhi Rise h. 6-34, Set h. 18-28) Midday h. 12-09-36s. ; Moonrise h. 18-15,

Tithi : (Phalguna Sukla) Purnima h. 13-56, P. Phalguni nakshatra h. 8-53, Sula yoga h. 15-41, Bava karana. Moon enters Kanya h. 14-52.

Saura Chaitradi h. 25-21.

Lunar eclipse (total)—invisible in India

Holi (Hola)—2nd day, **Dolayatra,**
Birthday of Sri Chaitanya.

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24 Phalgun, Monday, 14 March, 15 Ramadan

Sunrise h. 6-10, Set h. 18-08 (Delhi Rise h. 6-33, Set h. 18-29) Midday h. 12-09-19s. ; Moonset h. 6-41, Moonrise h. 19-13

Tithi : (Phalguna Krishna) Pratipad h. 12-58, U. Phalguni nakshatra h. 8-40, Ganda yoga h. 13-44, Kaulava karana. Moon in Kanya. Sayana Vyatipata h. 13-50.

Vasantotsava.

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25 Phalgun, Tuesday, 15 March. 16 Ramadan

Sunrise h. 6-10, Set h. 18-09 (Delhi Rise h. 6-32, Set h. 18-29)
Midday h. 12-09-02s. ; Moonset h. 7-24, Moonrise h. 20-11

Tithi : (Phalguna Krishna) Dvitiya h. 11-34, Hasta nakshatra h. 8-02, Vriddhi yoga h. 11-27, Gara karana, Vanij karana then Vishti karana from h. 22-43 to next day. Moon enters Tula h. 19-35.

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26 Phalgun, Wednesday, 16 March, 17 Ramadan

Sunrise h. 6-09, Set h. 18-09 (Delhi Rise h. 6-30, Set h. 18-30)
Midday h. 12-08-45s. ; Moonset h. 8-08, Moonrise h. 21-11

Tithi : (Phalguna Krishna) Tritiya h. 9-51, Chitra nakshatra h. 7-04 then Svati nakshatra h. 29-50. Dhruva yoga h. 8-55, Vishti karana upto h. 9-51. Moon in Tula.

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27 Phalgun, Thursday, 17 March, 18 Ramadan

Sunrise h. 6-08, Set h. 18-10 (Delhi Rise h. 6-29, Set h. 18-30)
Midday h. 12-08-28s. ; Moonset h. 8-54, Moonrise h. 22-12

Tithi : (Phalguna Krishna) Chaturthi h. 7-53 then Panchami h. 29-45, Visakha nakshatra h. 28-27, Vyaghata yoga h. 6-10 then Harshana yoga h. 27-17, Balava karana. Moon enters Vriscika h. 22-48. Sun enters U. Bhadrapada nakshatra h. 10-56.

Mercury rises in the East h. 6-36

Ranga Panchami, Vijay Govindaji Halenkar (Manipur).

28 Phalgun, Friday, 18 March, 19 Ramadan

Sunrise h. 6-07, Set h. 18-10 (Delhi Rise h. 6-28, Set h. 18-31) Midday h. 12-08-10s. ; Moonset h. 9-44, Moonrise h. 23-12

Tithi : (Phalguna Krishna) Sasthi h. 27-32, Anuradha nakshatra h. 26-57, Vajra yoga h. 24-20, Gara karana, Vanij karana then Vishti karana from h. 27-32 to next day. Moon in Vriscika.

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29 Phalgun, Saturday, 19 March, 20 Ramadan

Sunrise h. 6-06, Set h. 18-10 (Delhi Rise h. 6-27, Set h. 18-32) Midday h. 12-07-53s. ; Moonset h. 10-37, Moonrise h. 24-13

Tithi : (Phalguna Krishna) Saptami h. 25-17, Jyestha nakshatra h. 25-26, Siddhi (Asrik) yoga h. 21-21, Vishti karana upto h. 14-25. Moon enters Dhanu h. 25-26.

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30 Phalgun, Sunday, 20 March, 21 Ramadan

Sunrise h. 6-05, Set h. 18-11 (Delhi Rise h. 6-26, Set h. 18-32) Midday h. 12-07-35s. ; Moonset h. 11-33, Moonrise h. 25-10

Tithi : (Phalguna Krishna) Astami h. 23-05, Mula nakshatra h. 23-57, Vyatipata yoga h. 18-23, Balava karana. Moon in Dhanu. Sun enters Trop. Aries h. 20-13.

Varsitaparambha (Jain),

Mahavisuva Day (Year-ending Day).

BEGINNING OF LAGNAS

(For the Central Station of India)

CHAITRA, 1881 S. E.

Date	Mesha	Vrisha	Mithuna	Karkata	Simha	Kanya	Tula	Vriscika	Dhanu	Makara	Kumbha	Mina
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h . m.	h. m.	h. m.	h. m.
1	7-15	8-55	10-52	13-06	15-22	17-34	19-45	21-59	24-15	26-21	28-08	29-41
2	7-11	8-51	10-49	13-02	15-18	17-30	19-41	21-55	24-11	26-17	28-04	29-37
3	7-07	8-47	10-45	12-58	15-14	17-26	19-37	21-51	24-07	26-13	28-00	29-33
4	7-03	8-43	10-41	12-54	15-10	17-22	19-33	21-47	24-03	26-09	27-56	29-29
5	7-00	8-39	10-37	12-50	15-06	17-18	19-29	21-43	23-59	26-05	27-52	29-25
6	6-56	8-35	10-33	12-46	15-02	17-14	19-25	21-39	23-55	26-01	27-48	29-21
7	6-52	8-31	10-29	12-42	14-58	17-10	19-21	21-35	23-52	25-57	27-44	29-17
8	6-48	8-27	10-25	12-38	14-54	17-06	19-17	21-31	23-48	25-53	27-40	29-13
9	6-44	8-23	10-21	12-34	14-50	17-02	19-13	21-28	23-44	25-49	27-36	29-09
10	6-40	8-19	10-17	12-30	14-46	16-58	19-09	21-24	23-40	25-45	27-32	29-06
11	6-36	8-16	10-13	12-26	14-43	16-55	19-05	21-20	23-36	25-42	27-29	29-02
12	6-32	8-12	10-09	12-22	14-39	16-51	19-01	21-16	23-32	25-38	27-25	28-58
13	6-28	8-08	10-05	12-18	14-35	16-47	18-57	21-12	23-28	25-34	27-21	28-54
14	6-24	8-04	10-01	12-14	14-31	16-43	18-53	21-08	23-24	25-30	27-17	28-50
15	6-20	8-00	9-57	12-11	14-27	16-39	18-49	21-04	23-20	25-26	27-13	28-46
16	6-16	7-56	9-53	12-07	14-23	16-35	18-46	21-00	23-16	25-22	27-09	28-42
17	6-12	7-52	9-50	12-03	14-19	16-31	18-42	20-56	23-12	25-18	27-05	28-38
18	6-08	7-48	9-46	11-59	14-15	16-27	18-38	20-52	23-08	25-14	27-01	28-34
19	6-04	7-44	9-42	11-55	14-11	16-23	18-34	20-48	23-04	25-10	26-57	28-30
20	6-01	7-40	9-38	11-51	14-07	16-19	18-30	20-44	23-00	25-06	26-53	28-26
21	5-57	7-36	9-34	11-47	14-03	16-15	18-26	20-40	22-57	25-02	26-49	28-22
22	5-53	7-32	9-30	11-43	13-59	16-11	18-22	20-36	22-53	24-58	26-45	28-18
23	5-49	7-28	9-26	11-39	13-55	16-07	18-18	20-33	22-49	24-54	26-41	28-14
24	5-45	7-24	9-22	11-35	13-51	16-03	18-14	20-29	22-45	24-50	26-37	28-11
25	5-41	7-21	9-18	11-31	13-47	15-59	18-10	20-25	22-41	24-46	26-33	28-07
26	5-37	7-17	9-14	11-27	13-44	15-56	18-06	20-21	22-37	24-43	26-30	28-03
27	5-33	7-13	9-10	11-23	13-40	15-52	18-02	20-17	22-33	24-39	26-26	27-59
28	5-29	7-09	9-06	11-19	13-36	15-48	17-58	20-13	22-29	24-35	26-22	27-55
29	5-25	7-05	9-02	11-16	13-32	15-44	17-54	20-09	22-25	24-31	26-18	27-51
30	5-21	7-01	8-58	11-12	13-28	15-40	17-50	20-05	22-21	24-27	26-14	27-47

BEGINNING OF LAGNAS

(For the Central Station of India)

VAISAKH, 1881 S. E.

Date	Vrisha	Mithuna	Karkata	Simha	Kanya	Tula	Vriscika	Dhanu	Makara	Kumbha	Mina	Mesha
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h . m.	h. m.	h. m.	h. m.
1	6-57	8-55	11-08	13-24	15-36	17-47	20-01	22-17	24-23	26-10	27-43	29-13
2	6-53	8-51	11-04	13-20	15-32	17-43	19-57	22-13	24-19	26-06	27-39	29-09
3	6-49	8-47	11-00	13-16	15-28	17-39	19-53	22-09	24-15	26-02	27-35	29-06
4	6-45	8-43	10-56	13-12	15-24	17-35	19-49	22-05	24-11	25-58	27-31	29-02
5	6-41	8-39	10-52	13-08	15-20	17-31	19-45	22-01	24-07	25-54	27-27	28-58
6	6-37	8-35	10-48	13-04	15-16	17-27	19-41	21-58	24-03	25-50	27-23	28-54
7	6-33	8-31	10-44	13-00	15-12	17-23	19-37	21-54	23-59	25-46	27-19	28-50
8	6-29	8-27	10-40	12-56	15-08	17-19	19-34	21-50	23-55	25-42	27-15	28-46
9	6-25	8-23	10-36	12-52	15-04	17-15	19-30	21-46	23-51	25-38	27-12	28-42
10	6-22	8-19	10-32	12-48	15-00	17-11	19-26	21-42	23-47	25-35	27-08	28-38
11	6-18	8-15	10-28	12-45	14-57	17-07	19-22	21-38	23-44	25-31	27-04	28-34
12	6-14	8-11	10-24	12-41	14-53	17-03	19-18	21-34	23-40	25-27	27-00	28-30
13	6-10	8-07	10-20	12-37	14-49	16-59	19-14	21-30	23-36	25-23	26-56	28-26
14	6-06	8-03	10-17	12-33	14-45	16-55	19-10	21-26	23-32	25-19	26-52	28-22
15	6-02	7-59	10-13	12-29	14-41	16-52	19-06	21-22	23-28	25-15	26-48	28-18
16	5-58	7-56	10-09	12-25	14-37	16-48	19-02	21-18	23-24	25-11	26-44	28-14
17	5-54	7-52	10-05	12-21	14-33	16-44	18-58	21-14	23-20	25-07	26-40	28-10
18	5-50	7-48	10-01	12-17	14-29	16-40	18-54	21-10	23-16	25-03	26-36	28-07
19	5-46	7-44	9-57	12-13	14-25	16-36	18-50	21-06	23-12	24-59	26-32	28-03
20	5-42	7-40	9-53	12-09	14-21	16-32	18-46	21-02	23-08	24-55	26-28	27-59
21	5-38	7-36	9-49	12-05	14-17	16-28	18-42	20-59	23-04	24-51	26-24	27-55
22	5-34	7-32	9-45	12-01	14-13	16-24	18-39	20-55	23-00	24-47	26-20	27-51
23	5-30	7-28	9-41	11-57	14-09	16-20	18-35	20-51	22-56	24-43	26-17	27-47
24	5-26	7-24	9-37	11-53	14-05	16-16	18-31	20-47	22-52	24-39	26-13	27-43
25	5-23	7-20	9-33	11-50	14-02	16-12	18-27	20-43	22-49	24-36	26-09	27-39
26	5-19	7-16	9-29	11-46	13-58	16-08	18-23	20-39	22-45	24-42	26-05	27-35
26	5-19	7-16	9-29	11-46	13-58	16-08	18-23	20-39	22-45	24-32	26-05	27-35
28	5-11	7-08	9-21	11-38	13-50	16-00	18-15	20-31	22-37	24-24	25-57	27-27
29	5-07	7-04	9-18	11-34	13-46	15-56	18-11	20-27	22-33	24-20	25-53	27-23
30	5-03	7-00	9-14	11-30	13-42	15-53	18-07	20-23	22-29	24-16	25-49	27-19
31	4-59	6-57	9-10	11-26	13-38	15-49	18-03	20-19	22-25	24-12	25-45	27-15

BEGINNING OF LAGNAS

(For the Central Station of India)

JYAISTHA, 1881 S. E.

Date	Mithuna	Karkata	Simha	Kanya	Tula	Vriscika	Dhanu	Makara	Kumbha	Mina	Mesha	Vrisha
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h . m.	h. m.	h. m.	h. m.
1	6-53	9-06	11-22	13-34	15-45	17-59	20-15	22-21	24-08	25-41	27-12	28-51
2	6-49	9-02	11-18	13-30	15-41	17-55	20-11	22-17	24-04	25-37	27-08	28-47
3	6-45	8-58	11-14	13-26	15-37	17-51	20-07	22-13	24-00	25-33	27-04	28-43
4	6-41	8-54	11-10	13-22	15-33	17-47	20-04	22-09	23-56	25-29	27-00	28-39
5	6-37	8-50	11-06	13-18	15-29	17-43	20-00	22-05	23-52	25-25	26-56	28-35
6	6-33	8-46	11-02	13-14	15-25	17-40	19-56	22-01	23-48	25-21	26-52	28-31
7	6-29	8-42	10-58	13-10	15-21	17-36	19-52	21-57	23-44	25-18	26-48	28-28
8	6-25	8-38	10-54	13-06	15-17	17-32	19-48	21-53	23-40	25-14	26-44	28-24
9	6-21	8-34	10-51	13-03	15-13	17-28	19-44	21-50	23-37	25-10	26-40	28-20
10	6-17	8-30	10-47	12-59	15-09	17-24	19-40	21-46	23-33	25-06	26-36	28-16
11	6-13	8-26	10-43	12-55	15-05	17-20	19-36	21-42	23-29	25-02	26-32	28-12
12	6-09	8-23	10-39	12-51	15-01	17-16	19-32	21-38	23-25	24-58	26-28	28-08
13	6-05	8-19	10-35	12-47	14-58	17-12	19-28	21-34	23-21	24-54	26-24	28-04
14	6-02	8-15	10-31	12-43	14-54	17-08	19-24	21-30	23-17	24-50	26-20	28-00
15	5-58	8-11	10-27	12-39	14-50	17-04	19-20	21-26	23-13	24-46	26-16	27-56
16	5-54	8-07	10-23	12-35	14-46	17-00	19-16	21-22	23-09	24-42	26-13	27-52
17	5-50	8-03	10-19	12-31	14-42	16-56	19-12	21-18	23-05	24-38	26-09	27-48
18	5-46	7-59	10-15	12-27	14-38	16-52	19-08	21-14	23-01	24-34	26-05	27-44
19	5-42	7-55	10-11	12-23	14-34	16-48	19-05	21-10	22-57	24-30	26-01	27-40
20	5-38	7-51	10-07	12-19	14-30	16-44	19-01	21-06	22-53	24-26	25-57	27-36
21	5-34	7-47	10-03	12-15	14-26	16-41	18-57	21-02	22-49	24-22	25-53	27-32
22	5-30	7-43	9-59	12-11	14-22	16-37	18-53	20-58	22-45	24-19	25-49	27-29
23	5-26	7-39	9-56	12-07	14-18	16-33	18-49	20-54	22-42	24-15	25-45	27-25
24	5-22	7-35	9-52	12-04	14-14	16-29	18-45	20-51	22-38	24-11	25-41	27-21
25	5-18	7-31	9-48	12-00	14-10	16-25	18-41	20-47	22-34	24-07	25-37	27-17
26	5-14	7-27	9-44	11-56	14-06	16-21	18-37	20-43	22-30	24-03	25-33	27-13
27	5-10	7-24	9-40	11-52	14-02	16-17	18-33	20-39	22-26	23-59	25-29	27-09
28	5-06	7-20	9-36	11-48	13-59	16-13	18-29	20-35	22-22	23-55	25-25	27-05
29	5-03	7-16	9-32	11-44	13-55	16-09	18-25	20-31	22-18	23-51	25-21	27-01
30	4-59	7-12	9-28	11-40	13-51	16-05	18-21	20-27	22-14	23-47	25-17	26-57
31	4-55	7-08	9-24	11-36	13-47	16-01	18-17	20-23	22-10	23-43	25-14	26-53

BEGINNING OF LAGNAS

(For the Central Station of India)

ASADH, 1881 S. E.

Date	Karkata	Simha	Kanya	Tula	Vriscika	Dhanu	Makara	Kumbha	Mina	Mesha	Vrisha	Mithuna
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h . m.	h. m.	h. m.	h. m.
1	7-03	9-20	11-32	13-43	15-57	18-13	20-19	22-06	23-39	25-10	26-49	28-47
2	7-00	9-16	11-28	13-39	15-53	18-10	20-15	22-02	23-35	25-06	26-45	28-43
3	6-56	9-12	11-24	13-35	15-49	18-06	20-11	21-58	23-31	25-02	26-41	28-39
4	6-52	9-08	11-20	13-31	15-46	18-02	20-07	21-54	23-27	24-58	26-37	28-35
5	6-48	9-04	11-16	13-27	15-42	17-58	20-03	21-50	23-24	24-54	26-34	28-31
6	6-44	9-00	11-12	13-23	15-38	17-54	19-59	21-46	23-20	24-50	26-30	28-27
7	6-40	8-57	11-09	13-19	15-34	17-50	19-56	21-43	23-16	24-46	26-26	28-23
8	6-36	8-53	11-05	13-15	15-30	17-46	19-52	21-39	23-12	24-42	26-22	28-19
9	6-32	8-49	11-01	13-11	15-26	17-42	19-48	21-35	23-08	24-38	26-18	28-15
10	6-29	8-45	10-57	13-07	15-22	17-38	19-44	21-31	23-03	24-34	26-14	28-11
11	6-25	8-41	10-53	13-03	15-18	17-34	19-40	21-27	23-00	24-30	26-10	28-08
12	6-21	8-37	10-49	13-00	15-14	17-30	19-36	21-23	22-56	24-26	26-06	28-04
13	6-17	8-33	10-45	12-56	15-10	17-26	19-32	21-19	22-52	24-22	26-02	28-00
14	6-13	8-29	10-41	12-52	15-06	17-22	19-28	21-15	22-48	24-19	25-58	27-56
15	6-09	8-25	10-37	12-48	15-02	17-18	19-24	21-11	22-44	24-15	25-54	27-52
16	6-05	8-21	10-33	12-44	14-58	17-14	19-20	21-07	22-40	24-11	25-50	27-48
17	6-01	8-17	10-29	12-40	14-54	17-11	19-16	21-03	22-36	24-07	25-46	27-44
18	5-57	8-13	10-25	12-36	14-50	17-07	19-12	20-59	22-32	24-03	25-42	27-40
19	5-53	8-09	10-21	12-32	14-47	17-03	19-08	20-55	22-28	23-59	25-38	27-36
20	5-49	8-05	10-17	12-28	14-43	16-59	19-04	20-51	22-25	23-55	25-35	27-32
21	5-45	8-01	10-13	12-24	14-39	16-55	19-00	20-48	22-21	23-51	25-31	27-28
22	5-41	7-58	10-10	12-20	14-35	16-51	18-57	20-44	22-17	23-47	25-27	27-24
23	5-37	7-54	10-06	12-16	14-31	16-47	18-53	20-40	22-13	23-43	25-23	27-20
24	5-33	7-50	10-02	12-12	14-27	16-43	18-49	20-36	22-09	23-39	25-19	27-16
25	5-30	7-46	9-58	12-08	14-23	16-39	18-45	20-32	22-05	23-35	25-15	27-12
26	5-26	7-42	9-54	12-05	14-19	16-35	18-41	20-28	22-01	23-31	25-11	27-09
27	5-22	7-38	9-50	12-01	14-15	16-31	18-37	20-24	21-57	23-27	25-07	27-05
28	5-18	7-34	9-46	11-57	14-11	16-27	18-33	20-20	21-53	23-23	25-03	27-01
29	5-14	7-30	9-42	11-53	14-07	16-23	18-29	20-16	21-49	23-20	24-59	26-57
30	5-10	7-26	9-38	11-49	14-03	16-19	18-25	20-12	21-45	23-16	24-55	26-53
31	5-06	7-22	9-34	11-45	13-59	16-15	18-21	20-08	21-41	23-12	24-51	26-49

BEGINNING OF LAGNAS

(For the Central Station of India)

SRAVAN, 1881 S. E.

Date	Simha	Kanya	Tula	Vriscika	Dhanu	Makara	Kumbha	Mina	Mesha	Vrisha	Mithuna	Karkata
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h . m.	h. m.	h. m.	h. m.
1	7-18	9-30	11-41	13-55	16-12	18-17	20-04	21-37	23-08	24-47	26-45	28-58
2	7-14	9-26	11-37	13-51	16-08	18-13	20-00	21-33	23-04	24-43	26-41	28-54
3	7-10	9-22	11-33	13-48	16-04	18-09	19-56	21-29	23-00	24-39	26-37	28-50
4	7-06	9-18	11-29	13-44	16-00	18-05	19-52	21-26	22-56	24-36	26-33	28-46
5	7-03	9-15	11-25	13-40	15-56	18-02	19-49	21-22	22-52	24-32	26-29	28-42
6	6-59	9-11	11-21	13-36	15-52	17-58	19-45	21-18	22-48	24-28	26-25	28-38
7	6-55	9-07	11-17	13-32	15-48	17-54	19-41	21-14	22-44	24-24	26-21	28-34
8	6-51	9-03	11-13	13-28	15-44	17-50	19-37	21-10	22-40	24-20	26-17	28-31
9	6-47	8-59	11-09	13-24	15-40	17-46	19-33	21-06	22-36	24-16	26-13	28-27
10	6-43	8-55	11-06	13-20	15-36	17-42	19-29	21-02	22-32	24-12	26-10	28-23
11	6-39	8-51	11-02	13-16	15-32	17-38	19-25	20-58	22-28	24-08	26-06	28-19
12	6-35	8-47	10-58	13-12	15-28	17-34	19-21	20-54	22-24	24-04	26-02	28-15
13	6-31	8-43	10-54	13-08	15-24	17-30	19-17	20-50	22-21	24-00	25-58	28-11
14	6-27	8-39	10-50	13-04	15-20	17-26	19-13	20-46	22-17	23-56	25-54	28-07
15	6-23	8-35	10-46	13-00	15-17	17-22	19-09	20-42	22-13	23-52	25-50	28-03
16	6-19	8-31	10-42	12-56	15-13	17-18	19-05	20-38	22-09	23-48	25-46	27-59
17	6-15	8-27	10-38	12-53	15-09	17-14	19-01	20-34	22-05	23-44	25-42	27-55
18	6-11	8-23	10-34	12-49	15-05	17-10	18-57	20-31	22-01	23-41	25-38	27-51
19	6-07	8-19	10-30	12-45	15-01	17-06	18-53	20-27	21-57	23-37	25-34	27-47
20	6-04	8-16	10-26	12-41	14-57	17-03	18-50	20-23	21-53	23-33	25-30	27-43
21	6-00	8-12	10-22	12-37	14-53	16-59	18-46	20-19	21-49	23-29	25-26	27-39
22	5-56	8-08	10-18	12-33	14-49	16-55	18-42	20-15	21-45	23-25	25-22	27-36
23	5-52	8-04	10-14	12-29	14-45	16-51	18-38	20-11	21-41	23-21	25-18	27-32
24	5-48	8-00	10-10	12-25	14-41	16-47	18-34	20-07	21-37	23-17	25-15	27-28
25	5-44	7-56	10-07	12-21	14-37	16-43	18-30	20-03	21-33	23-13	25-11	27-24
26	5-40	7-52	10-03	12-17	14-33	16-39	18-26	19-59	21-29	23-09	25-07	27-20
27	5-36	7-48	9-59	12-13	14-29	16-35	18-22	19-55	21-26	23-05	25-03	27-16
28	5-32	7-44	9-55	12-09	14-25	16-31	18-18	19-51	21-22	23-01	24-59	27-12
29	5-28	7-40	9-51	12-05	14-21	16-27	18-14	19-47	21-18	22-57	24-55	27-08
30	5-24	7-36	9-47	12-01	14-18	16-23	18-10	19-43	21-14	22-53	24-51	27-04
31	5-20	7-32	9-43	11-57	14-14	16-19	18-06	19-39	21-10	22-49	24-47	27-00

BEGINNING OF LAGNAS

(For the Central Station of India)

BHADRA, 1881 S. E.

Date	Kanya	Tula	Vriscika	Dhanu	Makara	Kumbha	Mina	Mesha	Vrisha	Mithuna	Karkata	Simha
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h . m.	h. m.	h. m.	h. m.
1	7-28	9-39	11-54	14-10	16-15	18-02	19-35	21-06	22-45	24-43	26-56	29-12
2	7-24	9-35	11-50	14-06	16-11	17-58	19-32	21-02	22-42	24-39	26-52	29-08
3	7-20	9-31	11-46	14-02	16-07	17-55	19-28	20-58	22-38	24-35	26-48	29-05
4	7-17	9-27	11-42	13-58	16-04	17-51	19-24	20-54	22-34	24-31	26-44	29-01
5	7-13	9-23	11-38	13-54	16-00	17-47	19-20	20-50	22-30	24-27	26-40	28-57
6	7-09	9-19	11-34	13-50	15-56	17-43	19-16	20-46	22-26	24-23	26-37	28-53
7	7-05	9-15	11-30	13-46	15-52	17-39	19-12	20-42	22-22	24-19	26-33	28-49
8	7-01	9-12	11-26	13-42	15-48	17-35	19-08	20-38	22-18	24-16	26-29	28-45
9	6-57	9-08	11-22	13-38	15-44	17-31	19-04	20-34	22-14	24-12	26-25	28-41
10	6-53	9-04	11-18	13-34	15-40	17-27	19-00	20-30	22-10	24-08	26-21	28-37
11	6-49	9-00	11-14	13-30	15-36	17-23	18-56	20-27	22-06	24-04	26-17	28-33
12	6-45	8-56	11-10	13-26	15-32	17-19	18-52	20-23	22-02	24-00	26-13	28-29
13	6-41	8-52	11-06	13-22	15-28	17-15	18-48	20-19	21-58	23-56	26-09	28-25
14	6-37	8-48	11-02	13-19	15-24	17-11	18-44	20-15	21-54	23-52	26-05	28-21
15	6-33	8-44	10-59	13-15	15-20	17-07	18-40	20-11	21-50	23-48	26-01	28-17
16	6-29	8-40	10-55	13-11	15-16	17-03	18-37	20-07	21-46	23-44	25-57	28-13
17	6-25	8-36	10-51	13-07	15-12	16-59	18-33	20-03	21-43	23-40	25-53	28-10
18	6-22	8-32	10-47	13-03	15-09	16-56	18-29	19-59	21-39	23-36	25-49	28-06
19	6-18	8-28	10-43	12-59	15-05	16-52	18-25	19-55	21-35	23-32	25-45	28-02
20	6-14	8-24	10-39	12-55	15-01	16-48	18-21	19-51	21-31	23-28	25-41	27-58
21	6-10	8-20	10-35	12-51	14-57	16-44	18-17	19-47	21-27	23-24	25-38	27-54
22	6-06	8-16	10-31	12-47	14-53	16-40	18-13	19-43	21-23	23-21	25-34	27-50
23	6-02	8-13	10-27	12-43	14-49	16-36	18-09	19-39	21-19	23-17	25-30	27-46
24	5-58	8-09	10-23	12-39	14-45	16-32	18-05	19-35	21-15	23-13	25-26	27-42
25	5-54	8-05	10-19	12-35	14-41	16-28	18-01	19-32	21-11	23-09	25-22	27-38
26	5-50	8-01	10-15	12-31	14-37	16-24	17-57	19-28	21-07	23-05	25-18	27-34
27	5-46	7-57	10-11	12-27	14-33	16-20	17-53	19-24	21-03	23-01	25-14	27-30
28	5-42	7-53	10-07	12-24	14-29	16-16	17-49	19-20	20-59	22-57	25-10	27-26
29	5-38	7-49	10-03	12-20	14-25	16-12	17-45	19-16	20-55	22-53	25-06	27-22
30	5-34	7-45	10-00	12-16	14-21	16-08	17-41	19-12	20-51	22-49	25-02	27-18
31	5-30	7-41	9-56	12-12	14-17	16-04	17-38	19-08	20-48	22-45	24-58	27-14

BEGINNING OF LAGNAS

(For the Central Station of India)

ASVIN, 1881 S. E.

Date	Tula	Vriscika	Dhanu	Makara	Kumbha	Mina	Mesha	Vrisha	Mithuna	Karkata	Simha	Kanya
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h . m.	h. m.	h. m.	h. m.
1	7-37	9-52	12-08	14-13	16-00	17-34	19-04	20-44	22-41	24-54	27-11	29-23
2	7-33	9-48	12-04	14-10	15-57	17-30	19-00	20-40	22-37	24-50	27-07	29-19
3	7-29	9-44	12-00	14-06	15-53	17-26	18-56	20-36	22-33	24-46	27-03	29-15
4	7-25	9-40	11-56	14-02	15-49	17-22	18-52	20-32	22-29	24-43	26-59	29-11
5	7-21	9-36	11-52	13-58	15-45	17-18	18-48	20-28	22-25	24-39	26-55	29-07
6	7-18	9-32	11-48	13-54	15-41	17-14	18-44	20-24	22-22	24-35	26-51	29-03
7	7-14	9-28	11-44	13-50	15-37	17-10	18-40	20-20	22-18	24-31	26-47	28-59
8	7-10	9-24	11-40	13-46	15-33	17-06	18-36	20-16	22-14	24-27	26-43	28-55
9	7-06	9-20	11-36	13-42	15-29	17-02	18-33	20-12	22-10	24-23	26-39	28-51
10	7-02	9-16	11-32	13-38	15-25	16-58	18-29	20-08	22-06	24-19	26-35	28-47
11	6-58	9-12	11-28	13-34	15-21	16-54	18-25	20-04	22-02	24-15	26-31	28-43
12	6-54	9-08	11-25	13-30	15-17	16-50	18-21	20-00	21-58	24-11	26-27	28-39
13	6-50	9-04	11-21	13-26	15-13	16-45	18-17	19-56	21-54	24-07	26-23	28-35
14	6-46	9-01	11-17	13-22	15-09	16-42	18-13	19-52	21-50	24-03	26-19	28-31
15	6-42	8-57	11-13	13-18	15-05	16-39	18-09	19-49	21-46	23-59	26-15	28-27
16	6-38	8-53	11-09	13-14	15-02	16-35	18-05	19-45	21-42	23-55	26-12	28-24
17	6-34	8-49	11-05	13-11	14-58	16-31	18-01	19-41	21-38	23-51	26-08	28-20
18	6-30	8-45	11-01	13-07	14-54	16-27	17-57	19-37	21-34	23-47	26-04	28-16
19	6-26	8-41	10-57	13-03	14-50	16-23	17-53	19-33	21-30	23-44	26-00	28-12
20	6-22	8-37	10-53	12-59	14-46	16-19	17-49	19-29	21-26	23-40	25-56	28-08
21	6-19	8-33	10-49	12-55	14-42	16-15	17-45	19-25	21-23	23-36	25-52	28-04
22	6-15	8-29	10-45	12-51	14-38	16-11	17-41	19-21	21-19	23-32	25-48	28-00
23	6-11	8-25	10-41	12-47	14-34	16-07	17-37	19-17	21-15	23-28	25-44	27-56
24	6-07	8-21	10-37	12-43	14-30	16-03	17-34	19-13	21-11	23-24	25-40	27-52
25	6-03	8-17	10-33	12-39	14-26	15-59	17-30	19-09	21-07	23-20	25-36	27-48
26	5-59	8-13	10-30	12-35	14-22	15-55	17-26	19-05	21-03	23-16	25-32	27-44
27	5-55	8-09	10-26	12-31	14-18	15-51	17-22	19-01	20-59	23-12	25-28	27-40
28	5-51	8-06	10-22	12-27	14-14	15-47	17-18	18-57	20-55	23-08	25-24	27-36
29	5-47	8-02	10-18	12-23	14-10	15-44	17-14	18-54	20-51	23-04	25-20	27-32
30	5-43	7-58	10-14	12-19	14-06	15-40	17-10	18-50	20-47	23-00	25-17	27-29

BEGINNING OF LAGNAS

(For the Central Station of India)

KARTIK, 1881 S. E.

Date	Vriscika	Dhanu	Makara	Kumbha	Mina	Mesha	Vrisha	Mithuna	Karkata	Simha	Kanya	Tula
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h . m.	h. m.	h. m.	h. m.
1	7-54	10-10	12-16	14-03	15-36	17-06	18-46	20-43	22-56	25-13	27-25	29-35
2	7-50	10-06	12-12	13-59	15-32	17-02	18-42	20-39	22-52	25-09	27-21	29-31
3	7-46	10-02	12-08	13-55	15-28	16-58	18-38	20-35	22-49	25-05	27-17	29-27
4	7-42	9-58	12-04	13-51	15-24	16-54	18-34	20-31	22-45	25-01	27-13	29-23
5	7-38	9-54	12-00	13-47	15-20	16-50	18-30	20-28	22-41	24-57	27-09	29-20
6	7-34	9-50	11-56	13-43	15-16	16-46	18-26	20-24	22-37	24-53	27-05	29-16
7	7-30	9-46	11-52	13-39	15-12	16-42	18-22	20-20	22-33	24-49	27-01	29-12
8	7-26	9-42	11-48	13-35	15-08	16-39	18-18	20-16	22-29	24-45	26-57	29-08
9	7-22	9-38	11-44	13-31	15-04	16-35	18-14	20-12	22-25	24-41	26-53	29-04
10	7-18	9-34	11-40	13-27	15-00	16-31	18-10	20-08	22-21	24-37	26-49	29-00
11	7-14	9-31	11-36	13-23	14-56	16-27	18-06	20-04	22-17	24-33	26-45	28-56
12	7-10	9-27	11-32	13-19	14-52	16-23	18-02	20-00	22-13	24-29	26-41	28-52
13	7-07	9-23	11-28	13-15	14-48	16-19	17-58	19-56	22-09	24-25	26-37	28-48
14	7-03	9-19	11-24	13-11	14-45	16-15	17-55	19-52	22-05	24-21	26-33	28-44
15	6-59	9-15	11-20	13-08	14-41	16-11	17-51	19-48	22-01	24-18	26-30	28-40
16	6-55	9-11	11-17	13-04	14-37	16-07	17-47	19-44	21-57	24-14	26-26	28-36
17	6-51	9-07	11-13	13-00	14-33	16-03	17-43	19-40	21-53	24-10	26-22	28-32
18	6-47	9-03	11-09	12-56	14-29	15-59	17-39	19-36	21-50	24-06	26-18	28-28
19	6-43	8-59	11-05	12-52	14-25	15-55	17-35	19-32	21-46	24-02	26-14	28-25
20	6-39	8-55	11-01	12-48	14-21	15-51	17-31	19-29	21-42	23-58	26-10	28-21
21	6-35	8-51	10-57	12-44	14-17	15-47	17-27	19-25	21-38	23-54	26-06	28-17
22	6-31	8-47	10-53	12-40	14-13	15-43	17-23	19-21	21-34	23-50	26-02	28-13
23	6-27	8-43	10-49	12-36	14-09	15-40	17-19	19-17	21-30	23-46	25-58	28-09
24	6-23	8-39	10-45	12-32	14-05	15-36	17-15	19-13	21-26	23-42	25-54	28-05
25	6-19	8-35	10-41	12-28	14-01	15-32	17-11	19-09	21-22	23-38	25-50	28-01
26	6-15	8-32	10-37	12-24	13-57	15-28	17-07	19-05	21-18	23-34	25-46	27-57
27	6-11	8-28	10-33	12-20	13-53	15-24	17-03	19-01	21-14	23-30	25-42	27-53
28	6-08	8-24	10-29	12-16	13-49	15-20	16-59	18-57	21-10	23-26	25-38	27-49
29	6-04	8-20	10-25	12-12	13-46	15-16	16-56	18-53	21-06	23-23	25-35	27-45
30	6-00	8-16	10-21	12-09	13-42	15-12	16-52	18-49	21-02	23-19	25-31	27-41

BEGINNING OF LAGNAS

(For the Central Station of India)

AGRAHAYAN, 1881 S. E.

Date	Dhanu	Makara	Kumbha	Mina	Mesha	Vrisha	Mithuna	Karkata	Simha	Kanya	Tula	Vriscika
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h . m.	h. m.	h. m.	h. m.
1	8-12	10-18	12-05	13-38	15-08	16-48	18-45	20-58	23-15	25-27	27-37	29-52
2	8-08	10-14	12-01	13-34	15-04	16-44	18-41	20-54	23-11	25-23	27-33	29-48
3	8-04	10-10	11-57	13-30	15-00	16-40	18-37	20-51	23-07	25-19	27-29	29-44
4	8-00	10-06	11-53	13-26	14-56	16-36	18-33	20-47	23-03	25-15	27-26	29-40
5	7-56	10-02	11-49	13-22	14-52	16-32	18-30	20-43	22-59	25-11	27-22	29-36
6	7-52	9-58	11-45	13-18	14-48	16-28	18-26	20-39	22-55	25-07	27-18	29-32
7	7-48	9-54	11-41	13-14	14-44	16-24	18-22	20-35	22-51	25-03	27-14	29-28
8	7-44	9-50	11-37	13-10	14-41	16-20	18-18	20-31	22-47	24-59	27-10	29-24
9	7-40	9-46	11-33	13-06	14-37	16-16	18-14	20-27	22-43	24-55	27-06	29-20
10	7-37	9-42	11-29	13-02	14-33	16-12	18-10	20-23	22-39	24-51	27-02	29-16
11	7-33	9-38	11-25	12-58	14-29	16-08	18-06	20-19	22-35	24-47	26-58	29-13
12	7-29	9-34	11-21	12-54	14-25	16-04	18-02	20-15	22-31	24-43	26-54	29-09
13	7-25	9-30	11-17	12-51	14-21	16-01	17-58	20-11	22-27	24-39	26-50	29-05
14	7-21	9-26	11-13	12-47	14-17	15-57	17-54	20-07	22-24	24-36	26-46	29-01
15	7-17	9-23	11-10	12-43	14-13	15-53	17-50	20-03	22-20	24-32	26-42	28-57
16	7-13	9-19	11-06	12-39	14-09	15-49	17-46	19-59	22-16	24-28	26-38	28-53
17	7-09	9-15	11-02	12-35	14-05	15-45	17-42	19-56	22-12	24-24	26-34	28-49
18	7-05	9-11	10-58	12-31	14-01	15-41	17-38	19-52	22-08	24-20	26-30	28-45
19	7-01	9-07	10-54	12-27	13-57	15-37	17-35	19-48	22-04	24-16	26-27	28-41
20	6-57	9-03	10-50	12-23	13-53	15-33	17-31	19-44	22-00	24-12	26-23	28-37
21	6-53	8-59	10-46	12-19	13-49	15-29	17-27	19-40	21-56	24-08	26-19	28-33
22	6-49	8-55	10-42	12-15	13-46	15-25	17-23	19-36	21-52	24-04	26-15	28-29
23	6-45	8-51	10-38	12-11	13-42	15-21	17-19	19-32	21-48	24-00	26-11	28-25
24	6-41	8-47	10-34	12-07	13-38	15-17	17-15	19-28	21-44	23-56	26-07	28-21
25	6-38	8-43	10-30	12-03	13-34	15-13	17-11	19-24	21-40	23-52	26-03	28-17
26	6-34	8-39	10-26	11-59	13-30	15-09	17-07	19-20	21-36	23-48	25-59	28-14
27	6-30	8-35	10-22	11-55	13-26	15-05	17-03	19-16	21-32	23-44	25-55	28-10
28	6-26	8-31	10-18	11-52	13-22	15-02	16-59	19-12	21-28	23-40	25-51	28-06
29	6-22	8-27	10-15	11-48	13-18	14-58	16-55	19-08	21-25	23-37	25-47	28-02
30	6-18	8-24	10-11	11-44	13-14	14-54	16-51	19-04	21-21	23-33	25-43	27-58

BEGINNING OF LAGNAS

(For the Central Station of India)

PAUS, 1881 S. E.

Date	Makara	Kumbha	Mina	Mesha	Vrisha	Mithuna	Karkata	Simha	Kanya	Tula	Vriscika	Dhanu
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h . m.	h. m.	h. m.	h. m.
1	8-20	10-07	11-40	13-10	14-50	16-47	19-00	21-17	23-29	25-39	27-54	30-10
2	8-16	10-03	11-36	13-06	14-46	16-43	18-57	21-13	23-25	25-35	27-50	30-06
3	8-12	9-59	11-32	13-02	14-42	16-39	18-53	21-09	23-21	25-32	27-46	30-02
4	8-08	9-55	11-28	12-58	14-38	16-36	18-49	21-05	23-17	25-28	27-42	29-58
5	8-04	9-51	11-24	12-54	14-34	16-32	18-45	21-01	23-13	25-24	27-38	29-54
6	8-00	9-47	11-20	12-50	14-30	16-28	18-41	20-50	23-09	25-20	27-34	29-50
7	7-56	9-43	11-16	12-47	14-26	16-24	18-37	20-53	23-05	25-16	27-30	29-46
8	7-52	9-39	11-12	12-43	14-22	16-20	18-33	20-49	23-01	25-12	27-26	29-42
9	7-48	9-35	11-08	12-39	14-18	16-16	18-29	20-45	22-57	25-08	27-22	29-39
10	7-44	9-31	11-04	12-35	14-14	16-12	18-25	20-41	22-53	25-04	27-19	29-35
11	7-40	9-27	11-00	12-31	14-10	16-08	18-21	20-37	22-49	25-00	27-15	29-31
12	7-36	9-23	10-56	12-27	14-06	16-04	18-17	20-33	22-45	24-56	27-11	29-27
13	7-32	9-19	10-53	12-23	14-02	16-00	18-13	20-30	22-42	24-52	27-07	29-23
14	7-29	9-16	10-49	12-19	13-59	15-56	18-09	20-26	22-38	24-48	27-03	29-19
15	7-25	9-12	10-45	12-15	13-55	15-52	18-05	20-22	22-34	24-44	26-59	29-15
16	7-21	9-08	10-41	12-11	13-51	15-48	18-01	20-18	22-30	24-40	26-55	29-11
17	7-17	9-04	10-37	12-07	13-47	15-44	17-58	20-14	22-26	24-36	26-51	29-07
18	7-13	9-00	10-33	12-03	13-43	15-40	17-54	20-10	22-22	24-33	26-47	29-03
19	7-09	8-56	10-29	11-59	13-39	15-37	17-50	20-06	22-18	24-29	26-43	28-59
20	7-05	8-52	10-25	11-55	13-35	15-33	17-46	20-02	22-14	24-25	26-39	28-55
21	7-01	8-48	10-21	11-52	13-31	15-29	17-42	19-58	22-10	24-21	26-35	28-51
22	6-57	8-44	10-17	11-48	13-27	15-25	17-38	19-54	22-06	24-17	26-31	28-47
23	6-53	8-40	10-13	11-44	13-23	15-21	17-34	19-50	22-02	24-13	26-27	28-44
24	6-49	8-36	10-09	11-40	13-19	15-17	17-30	19-46	21-58	24-09	26-23	28-40
25	6-45	8-32	10-05	11-36	13-15	15-13	17-26	19-42	21-54	24-05	26-20	28-36
26	6-41	8-28	10-01	11-32	13-11	15-09	17-22	19-38	21-50	24-01	26-16	28-32
27	6-37	8-24	9-58	11-28	13-08	15-05	17-18	19-34	21-46	23-57	26-12	28-28
28	6-33	8-20	9-54	11-24	13-04	15-01	17-14	19-31	21-43	23-53	26-08	28-24
29	6-30	8-17	9-50	11-20	13-00	14-57	17-10	19-27	21-39	23-49	26-04	28-20
30	6-26	8-13	9-46	11-16	12-56	14-53	17-06	19-23	21-35	23-45	26-00	28-16

BEGINNING OF LAGNAS

(For the Central Station of India)

MAGH, 1881 S. E.

Date	Kumbha	Mina	Mesha	Vrisha	Mithuna	Karkata	Simha	Kanya	Tula	Vriscika	Dhanu	Makara
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h . m.	h. m.	h. m.	h. m.
1	8-09	9-42	11-12	12-52	14-49	17-03	19-19	21-31	23-42	25-56	28-12	30-18
2	8-05	9-38	11-08	12-48	14-45	16-59	19-15	21-27	23-38	25-52	28-08	30-14
3	8-01	9-34	11-04	12-44	14-42	16-55	19-11	21-23	23-34	25-48	28-04	30-10
4	7-57	9-30	11-00	12-40	14-38	16-51	19-07	21-19	23-30	25-44	28-00	30-06
5	7-53	9-26	10-56	12-36	14-34	16-47	19-03	21-15	23-26	25-40	27-56	30-02
6	7-49	9-22	10-52	12-32	14-30	16-43	18-59	21-11	23-22	25-36	27-52	29-58
7	7-45	9-18	10-49	12-28	14-26	16-39	18-55	21-07	23-18	25-32	27-49	29-54
8	7-41	9-14	10-45	12-24	14-22	16-35	18-51	21-03	23-14	25-28	27-45	29-50
9	7-37	9-10	10-41	12-20	14-18	16-31	18-47	20-59	23-10	25-24	27-41	29-46
10	7-33	9-06	10-37	12-16	14-14	16-27	18-43	20-55	23-06	25-21	27-37	29-42
11	7-29	9-02	10-33	12-12	14-10	16-23	18-39	20-51	23-02	25-17	27-33	29-38
12	7-25	8-59	10-29	12-09	14-06	16-19	18-35	20-47	22-58	25-13	27-29	29-34
13	7-22	8-55	10-25	12-05	14-02	16-15	18-32	20-44	22-54	25-09	27-25	29-31
14	7-18	8-51	10-21	12-01	13-58	16-11	18-28	20-40	22-50	25-05	27-21	29-27
15	7-14	8-47	10-17	11-57	13-54	16-07	18-24	20-36	22-46	25-01	27-17	29-23
16	7-10	8-43	10-13	11-53	13-50	16-04	18-20	20-32	22-42	24-57	27-13	29-19
17	7-06	8-39	10-09	11-49	13-46	16-00	18-16	20-28	22-39	24-53	27-09	29-15
18	7-02	8-35	10-05	11-45	13-43	15-56	18-12	20-24	22-35	24-49	27-05	29-11
19	6-58	8-31	10-01	11-41	13-39	15-52	18-08	20-20	22-31	24-45	27-01	29-07
20	6-54	8-27	9-57	11-37	13-35	15-48	18-04	20-16	22-27	24-41	26-57	29-03
21	6-50	8-23	9-54	11-33	13-31	15-44	18-00	20-12	22-23	24-37	26-54	28-59
22	6-46	8-19	9-50	11-29	13-27	15-40	17-56	20-08	22-19	24-33	26-50	28-55
23	6-42	8-15	9-46	11-25	13-23	15-36	17-52	20-04	22-15	24-29	26-46	28-51
24	6-38	8-11	9-42	11-21	13-19	15-32	17-48	20-00	22-11	24-26	26-42	28-47
25	6-34	8-07	9-38	11-17	13-15	15-28	17-44	19-56	22-07	24-22	26-38	28-43
26	6-30	8-04	9-34	11-13	13-11	15-24	17-40	19-52	22-03	24-18	26-34	28-39
27	6-26	8-00	9-30	11-10	13-07	15-20	17-37	19-49	21-59	24-14	26-30	28-36
28	6-23	7-56	9-26	11-06	13-03	15-16	17-33	19-45	21-55	24-10	26-26	28-32
29	6-19	7-52	9-22	11-02	12-59	15-12	17-29	19-41	21-51	24-06	26-22	28-28
30	6-15	7-48	9-18	10-58	12-55	15-08	17-25	19-37	21-47	24-02	26-18	28-24

BEGINNING OF LAGNAS

(For the Central Station of India)

PHALGUN, 1881 S. E.

Date	Mina	Mesha	Vrisha	Mithuna	Karkata	Simha	Kanya	Tula	Vriscika	Dhanu	Makara	Kumbha
	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h . m.	h. m.	h. m.	h. m.
1	7-44	9-14	10-54	12-51	15-05	17-21	19-33	21-43	23-58	26-14	28-20	30-07
2	7-40	9-10	10-50	12-48	15-01	17-17	19-29	21-40	23-54	26-10	28-16	30-03
3	7-36	9-06	10-46	12-44	14-57	17-13	19-25	21-36	23-50	26-06	28-12	29-59
4	7-32	9-02	10-42	12-40	14-53	17-09	19-21	21-32	23-46	26-02	28-08	29-55
5	7-28	8-59	10-38	12-36	14-49	17-05	19-17	21-28	23-42	25-58	28-04	29-51
6	7-24	8-55	10-34	12-32	14-45	17-01	19-13	21-24	23-38	25-54	28-00	29-47
7	7-20	8-51	10-30	12-28	14-41	16-57	19-09	21-20	23-34	25-51	27-56	29-43
8	7-16	8-47	10-26	12-24	14-37	16-53	19-05	21-16	23-30	25-47	27-52	29-39
9	7-12	8-43	10-22	12-20	14-33	16-49	19-01	21-12	23-27	25-43	27-48	29-35
10	7-08	8-39	10-18	12-16	14-29	16-45	18-57	21-08	23-23	25-39	27-44	29-31
11	7-05	8-35	10-15	12-12	14-26	16-41	18-53	21-04	23-19	25-35	27-40	29-28
12	7-01	8-31	10-11	12-08	14-21	16-38	18-50	21-00	23-15	25-31	27-37	29-24
13	6-57	8-27	10-07	12-04	14-17	16-34	18-46	20-56	23-11	25-27	27-33	29-20
14	6-53	8-23	10-03	12-00	14-13	16-30	18-42	20-52	23-07	25-23	27-29	29-16
15	6-49	8-19	9-59	11-56	14-10	16-26	18-38	20-48	23-03	25-19	27-25	29-12
16	6-45	8-15	9-55	11-52	14-06	16-22	18-34	20-45	22-59	25-15	27-21	29-08
17	6-41	8-11	9-51	11-49	14-02	16-18	18-30	20-41	22-55	25-11	27-17	29-04
18	6-37	8-07	9-47	11-45	13-58	16-14	18-26	20-37	22-51	25-07	27-13	29-00
19	6-33	8-03	9-43	11-41	13-54	16-10	18-22	20-33	22-47	25-03	27-09	28-56
20	6-29	8-00	9-39	11-37	13-50	16-06	18-18	20-29	22-43	24-59	27-05	28-52
21	6-25	7-56	9-35	11-33	13-46	16-02	18-14	20-25	22-39	24-55	27-01	28-48
22	6-21	7-52	9-31	11-29	13-42	15-58	18-10	20-21	22-35	24-52	26-57	28-44
23	6-17	7-48	9-27	11-25	13-38	15-54	18-06	20-17	22-31	24-48	26-53	28-40
24	6-13	7-44	9-23	11-21	13-34	15-50	18-02	20-13	22-28	24-44	26-49	28-36
25	6-09	7-40	9-19	11-17	13-30	15-46	17-58	20-09	22-24	24-40	26-45	28-32
26	6-06	7-36	9-16	11-13	13-26	15-42	17-54	20-05	22-20	24-36	26-41	28-29
27	6-02	7-32	9-12	11-09	13-22	15-39	17-51	20-01	22-16	24-32	26-38	28-25
28	5-58	7-28	9-08	11-05	13-18	15-35	17-47	19-57	22-12	24-28	26-34	28-21
29	5-54	7-24	9-04	11-01	13-14	15-31	17-43	19-53	22-08	24-24	26-30	28-17
30	5-50	7-20	9-00	10-57	13-11	15-27	17-39	19-49	22-04	24-20	26-26	28-13

CORRECTION TABLE FOR THE BEGINNING OF LAGNAS

The table of lagnas gives the beginning time of each lagna at the Central Station of India. The corrections given in the following table when applied to the time of the beginning of the lagna for any date would give the beginning of that lagna at the station concerned. The time thus obtained would be in the Indian Standard Time.

	Mesha	Vrisha	Mithuna	Karkata	Simha	Kanya	Tula	Vriscika	Dhanu	Makara	Kumbha	Mina
	m	m	m	m	m	m	m	m	m	m	m	m
Calcutta ...	−22·9	−22·4	−22·1	−22·2	−22·6	−23·2	−23·8	−24·3	−24·6	−24·5	−24·0	−23·5
Bhubaneswar ...	−11·2	− 8·9	− 7·6	− 8·1	−10·1	−12·7	−15·5	−17·8	−19·1	−18·5	−16·6	−14·0
Varanasi ...	− 3·5	− 5·2	− 6·2	− 5·8	− 4·3	− 2·4	− 0·4	+ 1·4	+ 2·3	+ 1·9	+ 0·5	− 1·5
Madras ...	+16·2	+24·4	+28·8	+27·0	+20·2	+11·1	+ 1·8	− 6·4	−10·7	− 8·9	− 2·1	+ 6·9
Hyderabad ...	+20·3	+24·9	+27·4	+26·4	+22·5	+17·4	+12·1	+ 7·5	+ 4·9	+ 6·0	+ 9·8	+15·0
Bangalore ...	+26·9	+35·1	+39·5	+37·7	+30·9	+21·7	+12·3	+ 4·1	− 0·3	+ 1·5	+ 8·3	+17·5
Delhi ...	+17·2	+12·9	+10·5	+11·5	+17·1	+20·0	+25·1	+29·5	+31·8	+30·8	+27·2	+22·3
Trivandrum ...	+32·5	+44·3	+50·6	+48·0	+38·2	+25·1	+11·5	− 0·2	− 6·6	− 4·0	+ 5·9	+19·0
Bombay ...	+41·7	+45·1	+46·9	+46·1	+43·5	+39·5	+35·7	+32·2	+30·5	+31·2	+34·0	+37·8

LONGITUDES OF SUN & MOON

(Measured from the fixed initial point)

AT 5-30 A.M., I.S.T.

For Saka Era 1881

Date Chaitra	Sun				Moon			Date Vaisakh	Sun				Moon		
	s	°	′	″	s	°	′		s	°	′	″	s	°	′
1	11	07	20	07	3	29	29	1	0	06	51	43	5	05	55
2	11	08	19	38	4	13	30	2	0	07	50	14	5	20	41
3	11	09	19	07	4	27	54	3	0	08	48	43	6	05	44
4	11	10	18	34	5	12	35	4	0	09	47	10	6	20	55
5	11	11	18	00	5	27	27	5	0	10	45	36	7	06	06
6	11	12	17	23	6	12	22	6	0	11	43	59	7	21	06
7	11	13	16	44	6	27	13	7	0	12	42	21	8	05	47
8	11	14	16	04	7	11	52	8	0	13	40	42	8	20	04
9	11	15	15	21	7	26	15	9	0	14	39	01	9	03	56
10	11	16	14	37	8	10	18	10	0	15	37	18	9	17	20
11	11	17	13	52	8	24	02	11	0	16	35	34	10	00	21
12	11	18	13	04	9	07	26	12	0	17	33	48	10	13	01
13	11	19	12	15	9	20	32	13	0	18	32	01	10	25	24
14	11	20	11	24	10	03	21	14	0	19	30	12	11	07	34
15	11	21	10	31	10	15	55	15	0	20	28	22	11	19	34
16	11	22	09	36	10	28	17	16	0	21	26	31	0	01	27
17	11	23	08	39	11	10	29	17	0	22	24	37	0	13	17
18	11	24	07	41	11	22	32	18	0	23	22	42	0	25	06
19	11	25	06	40	0	04	28	19	0	24	20	46	1	06	55
20	11	26	05	37	0	16	20	20	0	25	18	48	1	18	47
21	11	27	04	32	0	28	09	21	0	26	16	48	2	00	44
22	11	28	03	25	1	09	57	22	0	27	14	46	2	12	47
23	11	29	02	16	1	21	49	23	0	28	12	43	2	25	00
24	0	00	01	05	2	03	48	24	0	29	10	37	3	07	24
25	0	00	59	51	2	15	57	25	1	00	08	30	3	20	04
26	0	01	58	35	2	28	20	26	1	01	06	22	4	03	04
27	0	02	57	17	3	11	02	27	1	02	04	11	4	16	25
28	0	03	55	57	3	24	06	28	1	03	01	59	5	00	11
29	0	04	54	35	4	07	36	29	1	03	59	45	5	14	24
30	0	05	53	10	4	21	32	30	1	04	57	30	5	29	01
								31	1	05	55	13	6	13	59

LONGITUDES OF SUN & MOON

(Measured from the fixed initial point)

AT 5-30 A.M., I.S.T.

For Saka Era 1881

Date Jyaistha	Sun				Moon			Date Asadh	Sun				Moon		
	s	°	′	″	s	°	′		s	°	′	″	s	°	′
1	1	06	52	54	6	29	10	1	2	06	33	21	8	22	48
2	1	07	50	34	7	14	26	2	2	07	30	34	9	07	18
3	1	08	48	13	7	29	36	3	2	08	27	47	9	21	22
4	1	09	45	51	8	14	29	4	2	09	25	00	10	04	58
5	1	10	43	27	8	28	58	5	2	10	22	13	10	18	05
6	1	11	41	03	9	12	59	6	2	11	19	25	11	00	47
7	1	12	38	38	9	26	30	7	2	12	16	38	11	13	07
8	1	13	36	11	10	09	33	8	2	13	13	51	11	25	12
9	1	14	33	44	10	22	12	9	2	14	11	04	0	07	07
10	1	15	31	17	11	04	32	10	2	15	08	16	0	18	56
11	1	16	28	48	11	16	36	11	2	16	05	29	1	00	45
12	1	17	26	18	11	28	31	12	2	17	02	42	1	12	36
13	1	18	23	48	0	10	21	13	2	17	59	55	1	24	34
14	1	19	21	17	0	22	08	14	2	18	57	09	2	06	41
15	1	20	18	45	1	03	57	15	2	19	54	22	2	18	57
16	1	21	16	12	1	15	50	16	2	20	51	35	3	01	24
17	1	22	13	38	1	27	48	17	2	21	48	48	3	14	02
18	1	23	11	04	2	09	53	18	2	22	46	01	3	26	50
19	1	24	08	28	2	22	06	19	2	23	43	15	4	09	50
20	1	25	05	51	3	04	28	20	2	24	40	28	4	23	02
21	1	26	03	14	3	17	01	21	2	25	37	41	5	06	28
22	1	27	00	35	3	29	47	22	2	26	34	54	5	20	07
23	1	27	57	56	4	12	48	23	2	27	32	07	6	04	02
24	1	28	55	15	4	26	07	24	2	28	29	20	6	18	13
25	1	29	52	34	5	09	45	25	2	29	26	33	7	02	39
26	2	00	49	52	5	23	46	26	3	00	23	46	7	17	16
27	2	01	47	08	6	08	09	27	3	01	20	59	8	01	59
28	2	02	44	24	6	22	51	28	3	02	18	13	8	16	42
29	2	03	41	39	7	07	49	29	3	03	15	26	9	01	16
30	2	04	38	54	7	22	54	30	3	04	12	41	9	15	34
31	2	05	36	08	8	07	57	31	3	05	09	56	9	29	30

LONGITUDES OF SUN & MOON

(Measured from the fixed initial point)

AT 5-30 A.M., I.S.T.

For Saka Era 1881

Date Sravan	Sun				Moon			Date Bhadra	Sun				Moon		
	s	°	′	″	s	°	′		s	°	′	″	s	°	′
1	3	06	07	11	10	13	02	1	4	05	50	00	11	29	07
2	3	07	04	27	10	26	09	2	4	06	47	49	0	11	15
3	3	08	01	45	11	08	52	3	4	07	45	40	0	23	12
4	3	08	59	03	11	21	14	4	4	08	43	32	1	05	04
5	3	09	56	21	0	03	21	5	4	09	41	26	1	16	57
6	3	10	53	41	0	15	17	6	4	10	39	22	1	28	53
7	3	11	51	02	0	27	08	7	4	11	37	20	2	10	59
8	3	12	48	24	1	08	59	8	4	12	35	19	2	23	18
9	3	13	45	47	1	20	54	9	4	13	33	20	3	05	53
10	3	14	43	11	2	02	58	10	4	14	31	23	3	18	46
11	3	15	40	36	2	15	12	11	4	15	29	28	4	01	57
12	3	16	38	02	2	27	40	12	4	16	27	35	4	15	27
13	3	17	35	29	3	10	21	13	4	17	25	43	4	29	12
14	3	18	32	56	3	23	17	14	4	18	23	53	5	13	10
15	3	19	30	25	4	06	26	15	4	19	22	04	5	27	18
16	3	20	27	55	4	19	48	16	4	20	20	17	6	11	32
17	3	21	25	26	5	03	20	17	4	21	18	32	6	25	48
18	3	22	22	57	5	17	02	18	4	22	16	48	7	10	04
19	3	23	20	29	6	00	54	19	4	23	15	05	7	24	17
20	3	24	18	02	6	14	54	20	4	24	13	24	8	08	25
21	3	25	15	36	6	29	02	21	4	25	11	45	8	22	26
22	3	26	13	11	7	13	16	22	4	26	10	07	9	06	18
23	3	27	10	47	7	27	34	23	4	27	08	30	9	19	58
24	3	28	08	24	8	11	54	24	4	28	06	56	10	03	26
25	3	29	06	01	8	26	10	25	4	29	05	23	10	16	40
26	4	00	03	40	9	10	17	26	5	00	03	52	10	29	38
27	4	01	01	20	9	24	12	27	5	01	02	23	11	12	22
28	4	01	59	01	10	07	50	28	5	02	00	55	11	24	51
29	4	02	56	43	10	21	09	29	5	02	59	30	0	07	07
30	4	03	54	28	11	04	07	30	5	03	58	07	0	19	11
31	4	04	52	13	11	16	46	31	5	04	56	46	1	01	08

LONGITUDES OF SUN & MOON

(Measured from the fixed initial point)

AT 5-30 A.M., I.S.T.

For Saka Era 1881

Date Asvin	Sun				Moon			Date Kartik	Sun				Moon		
	s	°	′	″	s	°	′		s	°	′	″	s	°	′
1	5	05	55	28	1	13	00	1	6	05	32	05	2	14	58
2	5	06	54	11	1	24	52	2	6	06	31	50	2	27	01
3	5	07	52	57	2	06	48	3	6	07	31	36	3	09	15
4	5	08	51	45	2	18	53	4	6	08	31	25	3	21	46
5	5	09	50	35	3	01	11	5	6	09	31	16	4	04	38
6	5	10	49	28	3	13	47	6	6	10	31	10	4	17	54
7	5	11	48	22	3	26	43	7	6	11	31	05	5	01	37
8	5	12	47	19	4	10	02	8	6	12	31	03	5	15	48
9	5	13	46	19	4	23	45	9	6	13	31	03	6	00	23
10	5	14	45	20	5	07	49	10	6	14	31	05	6	15	17
11	5	15	44	23	5	22	11	11	6	15	31	08	7	00	23
12	5	16	43	29	6	06	47	12	6	16	31	14	7	15	30
13	5	17	42	36	6	21	28	13	6	17	31	21	8	00	29
14	5	18	41	45	7	06	09	14	6	18	31	30	8	15	12
15	5	19	40	56	7	20	45	15	6	19	31	40	8	29	33
16	5	20	40	09	8	05	08	16	6	20	31	52	9	13	29
17	5	21	39	24	8	19	17	17	6	21	32	05	9	27	02
18	5	22	38	40	9	03	10	18	6	22	32	20	10	10	11
19	5	23	37	58	9	16	46	19	6	23	32	36	10	23	01
20	5	24	37	18	10	00	05	20	6	24	32	54	11	05	35
21	5	25	36	39	10	13	09	21	6	25	33	13	11	17	56
22	5	26	36	03	10	26	00	22	6	26	33	34	0	00	07
23	5	27	35	28	11	08	37	23	6	27	33	56	0	12	11
24	5	28	34	55	11	21	04	24	6	28	34	20	0	24	10
25	5	29	34	25	0	03	20	25	6	29	34	46	1	06	04
26	6	00	33	56	0	15	27	26	7	00	35	13	1	17	57
27	6	01	33	30	0	27	26	27	7	01	35	42	1	29	49
28	6	02	33	05	1	09	21	28	7	02	36	12	2	11	41
29	6	03	32	43	1	21	12	29	7	03	36	44	2	23	37
30	6	04	32	23	2	03	03	30	7	04	37	18	3	05	40

LONGITUDES OF SUN & MOON

(Measured from the fixed initial point)

AT 5-30 A.M., I.S.T.

For Saka Era 1881

Date Agrahayan	Sun				Moon			Date Paus	Sun				Moon		
	s	°	′	″	s	°	′		s	°	′	″	s	°	′
1	7	05	37	54	3	17	52	1	8	06	05	00	4	22	18
2	7	06	38	31	4	00	18	2	8	07	06	07	5	05	20
3	7	07	39	10	4	13	03	3	8	08	07	14	5	18	45
4	7	08	39	51	4	26	11	4	8	09	08	22	6	02	35
5	7	09	40	33	5	09	45	5	8	10	09	31	6	16	51
6	7	10	41	17	5	23	48	6	8	11	10	41	7	01	34
7	7	11	42	03	6	08	20	7	8	12	11	51	7	16	36
8	7	12	42	50	6	23	16	8	8	13	13	01	8	01	51
9	7	13	43	38	7	08	30	9	8	14	14	12	8	17	07
10	7	14	44	28	7	23	51	10	8	15	15	23	9	02	12
11	7	15	45	19	8	09	07	11	8	16	16	35	9	16	58
12	7	16	46	11	8	24	08	12	8	17	17	46	10	01	17
13	7	17	47	04	9	08	46	13	8	18	18	56	10	15	06
14	7	18	47	57	9	22	54	14	8	19	20	07	10	28	25
15	7	19	48	52	10	06	33	15	8	20	21	17	11	11	18
16	7	20	49	47	10	19	44	16	8	21	22	27	11	23	48
17	7	21	50	43	11	02	31	17	8	22	23	36	0	06	01
18	7	22	51	40	11	14	59	18	8	23	24	45	0	18	01
19	7	23	52	37	11	27	12	19	8	24	25	53	0	29	55
20	7	24	53	35	0	09	14	20	8	25	27	02	1	11	45
21	7	25	54	34	0	21	10	21	8	26	28	09	1	23	37
22	7	26	55	33	1	03	03	22	8	27	29	17	2	05	31
23	7	27	56	33	1	14	54	23	8	28	30	24	2	17	30
24	7	28	57	34	1	26	47	24	8	29	31	30	2	29	36
25	7	29	58	35	2	08	41	25	9	00	32	36	3	11	49
26	8	00	59	37	2	20	39	26	9	01	33	42	3	24	10
27	8	02	00	40	3	02	41	27	9	02	34	47	4	06	40
28	8	03	01	44	3	14	50	28	9	03	35	52	4	19	21
29	8	04	02	49	3	27	07	29	9	04	36	57	5	02	14
30	8	05	03	54	4	09	35	30	9	05	38	01	5	15	21

LONGITUDES OF SUN & MOON

(Measured from the fixed initial point)

AT 5-30 A.M., I.S.T.

For Saka Era 1881

Date Magh	Sun				Moon			Date Phalgun	Sun				Moon		
	s	°	′	″	s	°	′		s	°	′	″	s	°	′
1	9	06	39	05	5	28	45	1	10	07	03	35	7	07	10
2	9	07	40	08	6	12	28	2	10	08	04	03	7	21	22
3	9	08	41	12	6	26	31	3	10	09	04	31	8	05	42
4	9	09	42	14	7	10	54	4	10	10	04	57	8	20	08
5	9	10	43	17	7	25	34	5	10	11	05	22	9	04	34
6	9	11	44	19	8	10	26	6	10	12	05	45	9	18	57
7	9	12	45	20	8	25	22	7	10	13	06	07	10	03	09
8	9	13	46	20	9	10	12	8	10	14	06	27	10	17	07
9	9	14	47	19	9	24	49	9	10	15	06	46	11	00	46
10	9	15	48	18	10	09	05	10	10	16	07	02	11	14	05
11	9	16	49	15	10	22	56	11	10	17	07	17	11	27	02
12	9	17	50	11	11	06	21	12	10	18	07	30	0	09	40
13	9	18	51	06	11	19	19	13	10	19	07	40	0	22	01
14	9	19	52	00	0	01	55	14	10	20	07	49	1	04	08
15	9	20	52	52	0	14	13	15	10	21	07	55	1	16	06
16	9	21	53	43	0	26	17	16	10	22	08	00	1	27	59
17	9	22	54	32	1	08	12	17	10	23	08	02	2	09	52
18	9	23	55	20	1	20	03	18	10	24	08	02	2	21	50
19	9	24	56	07	2	01	56	19	10	25	08	00	3	03	56
20	9	25	56	51	2	13	52	20	10	26	07	56	3	16	15
21	9	26	57	35	2	25	56	21	10	27	07	49	3	28	49
22	9	27	58	17	3	08	10	22	10	28	07	41	4	11	40
23	9	28	58	58	3	20	35	23	10	29	07	31	4	24	48
24	9	29	59	37	4	03	12	24	11	00	07	18	5	08	13
25	10	01	00	15	4	16	02	25	11	01	07	04	5	21	53
26	10	02	00	51	4	29	03	26	11	02	06	48	6	05	45
27	10	03	01	27	5	12	17	27	11	03	06	30	6	19	48
28	10	04	02	00	5	25	42	28	11	04	06	10	7	03	58
29	10	05	02	33	6	09	20	29	11	05	05	49	7	18	11
30	10	06	03	04	6	23	09	30	11	06	05	25	8	02	25

LONGITUDES OF PLANETS

(Measured from the fixed initial point)

At 5-30 a.m. I. S. T.

Saka Era 1881

Date		Mercury	Venus	Mars	Jupiter	Saturn	Rahu
		s ° ′	s ° ′	s ° ′	s ° ′	s ° ′	s ° ′
Chaitra	1	11 19 25	0 08 02	1 26 04	7 08 41	8 13 14	5 20 32
	4	11 18 02	0 11 40	1 27 41	7 08 39	8 13 21	5 20 22
	7	11 15 53	0 15 18	1 29 18	7 08 34	8 13 28	5 20 13
	10	11 13 21	0 18 55	2 00 57	7 08 28	8 13 33	5 20 03
	13	11 10 57	0 22 32	2 02 36	7 08 21	8 13 37	5 19 54
	16	11 09 00	0 26 08	2 04 15	7 08 12	8 13 41	5 19 44
	19	11 07 47	0 29 43	2 05 55	7 08 01	8 13 44	5 19 35
	22	11 07 21	1 03 17	2 07 36	7 07 49	8 13 45	5 19 25
	25	11 07 43	1 06 51	2 09 18	7 07 35	8 13 46	5 19 15
	28	11 08 49	1 10 24	2 11 00	7 07 20	8 13 46	5 19 06
Vaisakh	1	11 10 33	1 13 56	2 12 42	7 07 04	8 13 46	5 18 56
	4	11 12 52	1 17 28	2 14 25	7 06 46	8 13 44	5 18 47
	7	11 15 40	1 20 58	2 16 08	7 06 28	8 13 41	5 18 37
	10	11 18 53	1 24 27	2 17 52	7 06 08	8 13 38	5 18 28
	13	11 22 30	1 27 56	2 19 36	7 05 48	8 13 34	5 18 18
	16	11 26 28	2 01 23	2 21 20	7 05 26	8 13 28	5 18 09
	19	0 00 46	2 04 49	2 23 05	7 05 04	8 13 23	5 17 59
	22	0 05 23	2 08 14	2 24 50	7 04 42	8 13 16	5 17 50
	25	0 10 19	2 11 38	2 26 36	7 04 19	8 13 08	5 17 40
	28	0 15 33	2 15 00	2 28 21	7 03 57	8 13 00	5 17 31
	31	0 21 05	2 18 21	3 00 08	7 03 34	8 12 52	5 17 21
Jyaistha	3	0 26 56	2 21 41	3 01 54	7 03 11	8 12 42	5 17 11
	6	1 03 03	2 24 58	3 03 41	7 02 48	8 12 32	5 17 02
	9	1 09 26	2 28 14	3 05 27	7 02 26	8 12 21	5 16 52
	12	1 15 58	3 01 28	3 07 15	7 02 04	8 12 10	5 16 43
	15	1 22 34	3 04 39	3 09 02	7 01 43	8 11 59	5 16 33
	18	1 29 07	3 07 49	3 10 50	7 01 23	8 11 47	5 16 24
	21	2 05 29	3 10 56	3 12 38	7 01 03	8 11 34	5 16 14
	24	2 11 36	3 14 00	3 14 26	7 00 45	8 11 22	5 16 05
	27	2 17 24	3 17 01	3 16 15	7 00 28	8 11 09	5 15 55
	30	2 22 52	3 19 59	3 18 04	7 00 11	8 10 56	5 15 46

LONGITUDES OF PLANETS

(Measured from the fixed initial point)

At 5-30 a.m. I. S. T.

For Saka Era 1881

Date		Mercury	Venus	Mars	Jupiter	Saturn	Rahu
		s ° ′	s ° ′	s ° ′	s ° ′	s ° ′	s ° ′
Asadh	2	2 27 59	3 22 54	3 19 53	6 29 57	8 10 43	5 15 36
	5	3 02 45	3 25 44	3 21 42	6 29 43	8 10 27	5 15 27
	8	3 07 09	3 28 30	3 23 31	6 29 31	8 10 16	5 15 17
	11	3 11 10	4 01 11	3 25 21	6 29 20	8 10 03	5 15 07
	14	3 14 49	4 03 48	3 27 11	6 29 11	8 09 50	5 14 58
	17	3 18 02	4 06 18	3 29 02	6 29 04	8 09 37	5 14 48
	20	3 20 47	4 08 41	4 00 52	6 28 58	8 09 24	5 14 39
	23	3 23 02	4 10 58	4 02 43	6 28 54	8 09 12	5 14 29
	26	3 24 42	4 13 06	4 04 34	6 28 51	8 09 00	5 14 20
	29	3 25 44	4 15 04	4 06 25	6 28 50	8 08 48	5 14 10
Sravan	1	3 26 05	4 16 53	4 08 17	6 28 51	8 08 37	5 14 01
	4	3 25 40	4 18 29	4 10 09	6 28 53	8 08 26	5 13 51
	7	3 24 32	4 19 53	4 12 01	6 28 57	8 08 16	5 13 42
	10	3 22 46	4 21 02	4 13 53	6 29 02	8 08 07	5 13 32
	13	3 20 35	4 21 56	4 15 46	6 29 09	8 07 58	5 13 23
	16	3 18 17	4 22 32	4 17 39	6 29 18	8 07 49	5 13 13
	19	3 16 16	4 22 49	4 19 32	6 29 28	8 07 42	5 13 03
	22	3 14 52	4 22 45	4 21 25	6 29 40	8 07 35	5 12 54
	25	3 14 23	4 22 20	4 23 19	6 29 53	8 07 29	5 12 44
	28	3 14 58	4 21 33	4 25 13	7 00 08	8 07 24	5 12 35
	31	3 16 40	4 20 26	4 27 08	7 00 24	8 07 19	5 12 25
Bhadra	3	3 19 26	4 19 01	4 29 02	7 00 41	8 07 16	5 12 16
	6	3 23 11	4 17 22	5 00 57	7 01 00	8 07 13	5 12 06
	9	3 27 43	4 15 34	5 02 53	7 01 20	8 07 11	5 11 57
	12	4 02 52	4 13 43	5 04 48	7 01 41	8 07 10	5 11 47
	15	4 08 23	4 11 55	5 06 44	7 02 04	8 07 10	5 11 38
	18	4 14 06	4 10 16	5 08 41	7 02 27	8 07 11	5 11 28
	21	4 19 51	4 08 52	5 10 37	7 02 52	8 07 12	5 11 19
	24	4 25 33	4 07 46	5 12 34	7 03 18	8 07 15	5 11 09
	27	5 01 09	4 07 01	5 14 32	7 03 45	8 07 18	5 10 59
	30	5 06 36	4 06 38	5 16 29	7 04 13	8 07 22	5 10 50

LONGITUDES OF PLANETS

(Measured from the fixed initial point)

At 5-30 a.m. I. S. T.

For Saka Era 1881

Date		Mercury	Venus	Mars	Jupiter	Saturn	Rahu
		s ° ′	s ° ′	s ° ′	s ° ′	s ° ′	s ° ′
Asvin	2	5 11 55	4 06 36	5 18 27	7 04 42	8 07 27	5 10 40
	5	5 17 05	4 06 56	5 20 26	7 05 12	8 07 33	5 10 31
	8	5 22 07	4 07 35	5 22 24	7 05 43	8 07 40	5 10 21
	11	5 27 01	4 08 31	5 24 23	7 06 14	8 07 48	5 10 12
	14	6 01 48	4 09 45	5 26 23	7 06 47	8 07 56	5 10 02
	17	6 06 27	4 11 13	5 28 23	7 07 20	8 08 05	5 09 53
	20	6 10 59	4 12 54	6 00 23	7 07 54	8 08 15	5 09 43
	23	6 15 25	4 14 47	6 02 24	7 08 28	8 08 26	5 09 34
	26	6 19 43	4 16 51	6 04 25	7 09 03	8 08 38	5 09 24
	29	6 23 55	4 19 05	6 06 26	7 09 39	8 08 50	5 09 15
Kartik	2	6 27 57	4 21 27	6 08 28	7 10 16	8 09 03	5 09 05
	5	7 01 50	4 23 57	6 10 30	7 10 52	8 09 16	5 08 55
	8	7 05 29	4 26 34	6 12 32	7 11 30	8 09 31	5 08 46
	11	7 08 51	4 29 17	6 14 35	7 12 08	8 09 45	5 08 36
	14	7 11 50	5 02 05	6 16 39	7 12 46	8 10 01	5 08 27
	17	7 14 17	5 04 59	6 18 43	7 13 25	8 10 17	5 08 17
	20	7 15 57	5 07 56	6 20 47	7 14 04	8 10 33	5 08 08
	23	7 16 36	5 10 58	6 22 51	7 14 43	8 10 50	5 07 58
	26	7 15 53	5 14 04	6 24 56	7 15 23	8 11 08	5 07 49
	29	7 13 39	5 17 13	6 27 02	7 16 03	8 11 26	5 07 39
Agrahayan	2	7 10 05	5 20 25	6 29 08	7 16 43	8 11 44	5 07 30
	5	7 06 02	5 23 40	7 01 14	7 17 23	8 12 03	5 07 20
	8	7 02 38	5 26 58	7 03 21	7 18 03	8 12 23	5 07 11
	11	7 00 44	6 00 17	7 05 28	7 18 44	8 12 42	5 07 01
	14	7 00 30	6 03 39	7 07 35	7 19 25	8 13 02	5 06 51
	17	7 01 44	6 07 03	7 09 43	7 20 05	8 13 22	5 06 42
	20	7 04 02	6 10 28	7 11 51	7 20 46	8 13 42	5 06 32
	23	7 07 05	6 13 55	7 14 00	7 21 26	8 14 03	5 06 23
	26	7 10 38	6 17 24	7 16 09	7 22 07	8 14 24	5 06 13
	29	7 14 31	6 20 54	7 18 18	7 22 47	8 14 45	5 06 04

LONGITUDES OF PLANETS

(Measured from the fixed initial point)

At 5-30 a.m. I. S. T.

For Saka Era 1881

Date		Mercury	Venus	Mars	Jupiter	Saturn	Rahu
		s ° ′	s ° ′	s ° ′	s ° ′	s ° ′	s ° ′
Paus	2	7 18 36	6 24 25	7 20 28	7 23 27	8 15 06	5 05 54
	5	7 22 52	6 27 57	7 22 39	7 24 07	8 15 27	5 05 45
	8	7 27 13	7 01 30	7 24 49	7 24 47	8 15 48	5 05 35
	11	8 01 40	7 05 05	7 27 01	7 25 26	8 16 09	5 05 26
	14	8 06 10	7 08 39	7 29 12	7 26 06	8 16 31	5 05 16
	17	8 10 45	7 12 15	8 01 24	7 26 44	8 16 52	5 05 07
	20	8 15 23	7 15 51	8 03 36	7 27 23	8 17 13	5 04 57
	23	8 20 04	7 19 28	8 05 49	7 28 01	8 17 34	5 04 47
	26	8 24 50	7 23 06	8 08 02	7 28 38	8 17 55	5 04 38
	29	8 29 41	7 26 44	8 10 15	7 29 15	8 18 16	5 04 28
Magh	2	9 04 36	8 00 22	8 12 29	7 29 52	8 18 37	5 04 19
	5	9 09 37	8 04 01	8 14 43	8 00 28	8 18 57	5 04 09
	8	9 14 43	8 07 41	8 16 57	8 01 03	8 19 17	5 04 00
	11	9 19 55	8 11 20	8 19 12	8 01 38	8 19 37	5 03 50
	14	9 25 12	8 15 00	8 21 27	8 02 12	8 19 56	5 03 41
	17	10 00 33	8 18 40	8 23 42	8 02 45	8 20 16	5 03 31
	20	10 05 56	8 22 21	8 25 58	8 03 17	8 20 34	5 03 22
	23	10 11 17	8 26 01	8 28 13	8 03 49	8 20 53	5 03 12
	26	10 16 29	8 29 42	9 00 30	8 04 19	8 21 11	5 03 03
	29	10 21 22	9 03 23	9 02 46	8 04 49	8 21 28	5 02 53
Phalgun	2	10 25 41	9 07 04	9 05 03	8 05 18	8 21 45	5 02 43
	5	10 29 10	9 10 45	9 07 20	8 05 45	8 22 02	5 02 34
	8	11 01 31	9 14 27	9 09 37	8 06 12	8 22 18	5 02 24
	11	11 02 32	9 18 08	9 11 54	8 06 37	8 22 33	5 02 15
	14	11 02 08	9 21 50	9 14 12	8 07 02	8 22 48	5 02 05
	17	11 00 27	9 25 31	9 16 30	8 07 25	8 23 02	5 01 56
	20	10 27 52	9 29 13	9 18 48	8 07 47	8 23 16	5 01 46
	23	10 24 57	10 02 54	9 21 06	8 08 07	8 23 29	5 01 37
	26	10 22 16	10 06 36	9 23 24	8 08 26	8 23 41	5 01 27
	29	10 20 14	10 10 18	9 25 42	8 08 44	8 23 52	5 01 18
	30	10 19 44	10 11 32	9 26 29	8 08 50	8 23 56	5 01 14

TRANSITS OF PLANETS, SAKA 1881 (1959-60)

Mercury

						h.	m.
Enters:	Mesha	Vaisakh	18	May	8	16	53
	Vrisha	Jyaistha	4	May	25	17	58
	Mithuna	Jyaistha	18	June	8	15	27
	Karkata	Asadh	3	June	24	11	21
	Simha	Bhadra	10	Sept.	1	14	10
	Kanya	Bhadra	26	Sept.	17	14	39
	Tula	Asvin	12	Oct.	4	26	15
	Vriscika	Kartik	3	Oct.	25	19	11
	Dhanu	Paus	9	Dec.	30	26	43
	Makara	Paus	29	Jan.	19	10	11
	Kumbha	Magh	16	Feb.	5	22	05
	Mina	Phalgun	5	Feb.	24	27	13
	Kumbha R	Phalgun	17	Mar.	7	19	15

Venus

Enters:	Vrisha	Chaitra	19	Apr.	9	11	17
	Mithuna	Vaisakh	14	May	4	24	39
	Karkata	Jyaistha	10	May	31	20	52
	Simha	Asadh	9	June	30	21	21
	Kanya	Kartik	11	Nov.	2	24	08
	Tula	Agrahayan	10	Dec.	1	23	16
	Vriscika	Paus	6	Dec.	27	23	02
	Dhanu	Magh	1	Jan.	21	22	08
	Makara	Magh	26	Feb.	15	11	21
	Kumbha	Phalgun	20	Mar.	10	20	48

Mars

Enters:	Mithuna	Chaitra	8	Mar.	29	12	00
	Karkata	Vaisakh	30	May	20	24	24
	Simha	Asadh	18	July	9	19	32
	Kanya	Bhadra	4	Aug.	26	17	38
	Tula	Asvin	19	Oct.	11	15	44
	Vriscika	Agrahayan	3	Nov.	24	11	25
	Dhanu	Paus	15	Jan.	5	7	45
	Makara	Magh	25	Feb.	14	13	53

Jupiter

Enters:	Tula R	Asadh	1	June	22	12	24
	Vriscika	Sravan	26	Aug.	17	16	34
	Dhanu	Magh	2	Jan.	22	21	28

Saturn and Rahu—No transit

RETROGRESSION OF PLANETS IN SAKA 1881 (1959-60)

(Time in I. S. T.)

Mercury

					h.	m.
Direct,	Chaitra	22,	April	12, 1959	7	29
Retrograde,	Asadh	31,	July	22, 1959	26	30
Direct,	Sravan	24,	Aug.	15, 1959	27	28
Retrograde,	Kartik	22,	Nov.	13, 1959	29	50
Direct,	Agrahayan	12,	Dec.	3, 1959	27	11
Retrograde,	Phalgun	11,	March	1, 1960	20	43

Venus

Retrograde,	Sravan	19,	Aug.	10, 1959	28	43
Direct,	Bhadra	31,	Sept.	22, 1959	22	49

Mars

Nil

Jupiter

(Retrograde,	Phalgun	27, 1880,	Mar.	18, 1959	27	27)
Direct,	Asadh	29,	July	20, 1959	13	43

Saturn

Retrograde,	Chaitra	26,	April	16, 1959	21	06
Direct,	Bhadra	14,	Sept.	5, 1959	5	54

Eclipses

In the year 1881 Saka era there will be four eclipses, two of the Sun and two of the Moon. The details of visibility in India have been given in the main body.

1. Chaitra 3, March 24, 1959—Lunar Eclipse (partial)
Visible in India.
2. Chaitra 18, April 8, 1959—Solar Eclipse (annular)
Invisible in India.
3. Asvin 10, Oct. 2, 1959—Solar Eclipse (total)
Partly visible in India.
4. Phalgun 23, March 13, 1960—Lunar Eclipse (total)
Invisible in India.

HELIACAL RISING AND SETTING OF PLANETS
SAKA 1881 (1959-60)

(Calculated for 23° 11′ North Latitude)

(Time in I. S. T.)

Mercury

					h.	m.
Sets in the West,	Chaitra	2,	Mar.	23, 1959	19	00
Rises in the East,	Chaitra	16,	Apr.	6, 1959	8	06
Sets in the East,	Vaisakh	27,	May	17, 1959	8	48
Rises in the West,	Jyaistha	23,	June	13, 1959	26	18
Sets in the West,	Sravan	3,	July	25, 1959	26	54
Rises in the East,	Sravan	21,	Aug.	12, 1959	18	06
Sets in the East,	Bhadra	13,	Sept.	4, 1959	29	30
Rises in the West,	Asvin	22,	Oct.	14, 1959	23	06
Sets in the West,	Kartik	27,	Nov.	18, 1959	16	18
Rises in the East,	Agrahayan	7,	Nov.	28, 1959	28	24
Sets in the East,	Paus	13,	Jan.	3, 1960	18	24
Rises in the West,	Magh	22,	Feb.	11, 1960	20	36
Sets in the West,	Phalgun	15,	Mar.	5, 1960	14	54
Rises in the East,	Phalgun	27,	Mar.	17, 1960	6	36

Venus

Sets in the West,	Sravan	30,	Aug.	21, 1959	22	06
Rises in the East,	Bhadra	14,	Sept.	5, 1959	11	06

Mars

Sets in the West,	Bhadra	6,	Aug.	28, 1959	25	06
Rises in the East,	Agrahayan	25,	Dec.	16, 1959	9	12

Jupiter

Sets in the West,	Agrahayan	2,	Nov.	23, 1959	13	48
Rises in the East,	Agrahayan	26,	Dec.	17, 1959	15	12

Saturn

Sets in the West,	Agrahayan	26,	Dec.	17. 1959	24	42
Rises in the East,	Paus	25,	Jan.	15, 1960	26	42

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